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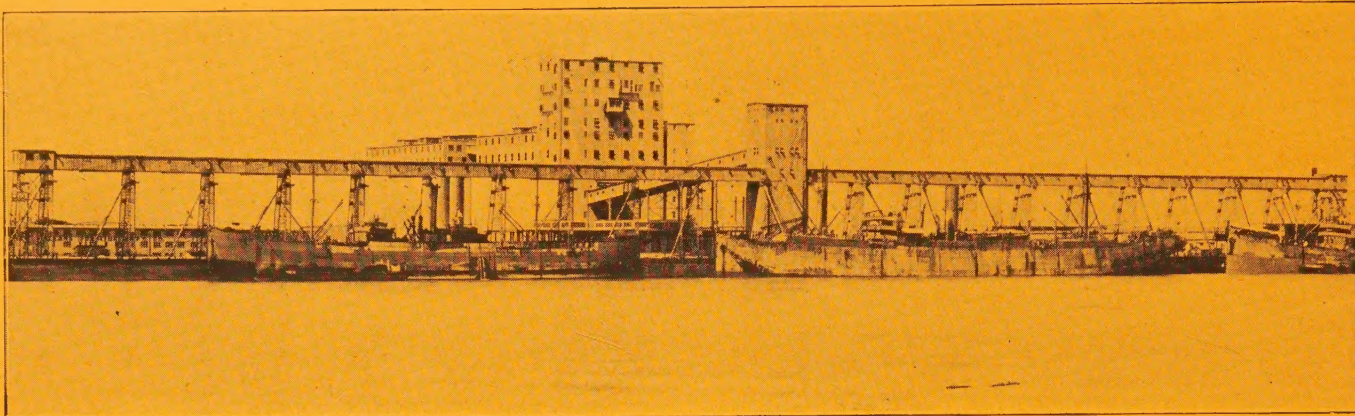
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PORT of NEW ORLEANS

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

HAVING YOUR name in this directory will introduce you to many old and new firms during the year, whom you do not know or could not meet in any other way. Many new concerns are looking for connections, seeking an outlet or an inlet, possibly in your territory. It is certain that they turn to this recognized Directory, and act upon the suggestions it gives them.

ANNISTON, ALA.

Woodruff Feed Co., feed manufacturers.

ATCHISON, KANS.

Blair Elevator Co., receivers and shippers.*

ATHENS, GA.

Eppes, Wm. E., grain, hay, flour, produce.

ATLANTA, GA.

Gregg & Son, J., wholesale brokers, grain, hay.*

BALTIMORE, MD.

Chamber of Commerce Members.

Baltimore Grain Co., grain receivers.*
Baltimore Pearl Herring Co., corn products.*
Blackburn & Co., C. P., grain receivers, exporters.*
Dennis & Co., grain merchants.*
England & Co., Chas., grain, hay.*
Faby & Co., John T., grain receivers and exporters.*
Hammond, Snyder & Co., Inc., receivers, exporters.*
Hax & Co., G. A., grain, hay, seeds.*
Lederer Bros., grain receivers.*
Manger & Co., J. A., grain, seeds, hay.*
Robinson & Jackson, grain commission merchants.*
Steen & Bro., E., grain receivers and exporters.*
Wack & Co., Henry E., grain, hay, feeds.*

BEAUMONT, TEX.

Archer Brokerage Co., grain brokers.

BESSEMER, ALA.

Curry & Co., J. C., feedstuffs, flour, meal.

BIRMINGHAM, ALA.

Birmingham Grain Co., grain, feed, flour.*
Cecil Brokerage Co., grain, hay, millfeed brokers.*
Cosby Flour & Grain Co., W. M., grn., flour crn. ml.*
Guice, Edward T., flour, grain, feed broker.
Hemphill & Co., R. C., mdse. & grain brokers.
Montgomery Brokerage Co., grain, gr. pdts., hay, mdse.
Morgan & Co., B. C., broker grain, feed, flour, hay.*
Ramsey & Co., J. E., mdse., grain, feed, flour broker.
Southeastern Brokerage Co., grain, hay, feed.
Sunny South Grain Co., mfrs. mx'd. fd., ctn. sd. ml.
Tennessee Mill & Feed Co., feedstuffs.
Western Grain Co., mfrs. mx'd. feed, crn. meal, grts.*
Wood-Crabbe Grain Co., mfrs. crn. ml., grts., gr., hay.*

BLOOMINGTON, ILL.

Hasenwinkle Grain Co., cash and future.

Slick, L. E., grain.

Worth-Gyles Grain Co., cash and future grain.*

BOSTON, MASS.

Chamber of Commerce Members.

Bensaquin, Matthew D., grain brokerage, commission.*
Jaquith, Parker, Smith & Co., wheat, barley, milo.*

BUFFALO, N. Y.

Corn Exchange Members.

Armour Grain Co., grain merchants.*
Burns, Berend J., grain and feed merchant.
Burns Grain Co., grain commission.*
Churchill Grain & Seed Co., receivers, shippers.*
Doorty-Ellsworth Co., Inc., brokerage commission.*
Electric Grain Elevator Co., consignments.*
Gee-Lewis Grain Co., grain consignments.*
Harold, A. W., grain, barley a specialty.
Irwin, Dudley M., barley.*
McConnell Grain Corporation, commission merchants.*
Kennedy & Co., Chas., wheat a specialty.*
Pratt & Co., receivers, shippers of grain.*
Taylor & Bournique Co., grain merchants.*
Urmston Grain Co., grain commission.*
Whitney & Gibson, consignments.*

CAIRO, ILL.

Board of Trade Members.

Halliday Elevator Co., grain dealers.*
Magee-Lynch Grain Co., grain.*
Thistlewood & Co., grain and hay.

CEDAR RAPIDS, IOWA.

Cedar Rapids Grain Co., corn and oats.*
Gifford-Matthews Co., grain and grain products.*
King Wilder Grain Co., grain shippers.*

CHATTANOOGA, TENN.

Grain Exchange Members.

Bagley & Semmes, hay, grain and feed brokers.
Harbin, A. D., hay, grain and mill feeds.
Tennessee River Mfg. Co., corn buyers, corn meal mfrs.
Thomasson & Co., J. T., grain, hay, feed.
Winer Feed Co., food, feed, seed.

CHICAGO, ILL.

Board of Trade Members.

Anderson & Co., W. P., grain commission merchants.*
Armour Grain Co., grain buyers.*
Bailey & Co., E. W., grain commission merchants.*
Bartlett-Frazier Co., grain merchants.*
Bennett & Co., Jas. E., commission merchants.*
Brennan & Co., John E., grain commission merchants.*
Bridge & Leonard, commission merchants.*
Carhart Code Harwood Co., grain commission.*
Dole & Co., J. H., grain and seeds.*
Freeman & Co., Henry H., grain, hay, straw.
Gerstenberg & Co., commission merchants.*
Hales & Edwards Co., grain merchants.*
Harris, Winthrop & Co., grain commission.*
Hitch & Carder, commission merchants.*
Hoit & Co., Lowell, commission, grain and seeds.
Lamson Bros. & Co., consignments solicited.*
Lewis & Co., F. S., grain and provisions.*
Lowitz & Co., E., grain commission.*
McKenna & Dickey, commission merchants.*
Mumford & Co., W. R., grain, hay, millstuffs.*
Norris Grain Co., grain merchants.*
Northern Grain & Warehouse Co., grain receivers.
Paynter, H. M., grain and field seeds.
Perrine & Co., W. H., grain and commission.*
Pope & Eckhardt Co., grain and seeds.
Press & Co., W. G., grain, provisions, stocks, etc.
Quaker Oats Co., buyers of grain.
Requa Bros., wheat a specialty.*
Rosenbaum Bros., receivers, shippers.*
Rosenbaum Grain Co., J., grain merchants.*
Rothchild Co., D., receivers and shippers.*
Rumsey & Co., grain commission.*
Sawers Grain Co., grain commission.*
Schiffin & Co., P. H., commission.*
Shaffer & Co., J. C., grain merchants.*
Simons, Day & Co., grain merchants.*
Somers, Jones & Co., grain and field seeds.*
Thayer & Co., C. H., receivers-shippers.*
Updike Grain Co., consignments.*
Ware & Leland, grain and seeds.*
Zweig & Co., Harry A., cash grain only.

CINCINNATI, O.

Grain & Hay Exchange Members.

Early & Daniel Co., grain, hay, feed.*
Mutual Commission Co., hay, grain and feed.*
Perin Bros., want corn.*

CLEVELAND, O.

Grain & Hay Exchange Members.

Bailey, E. L., grain and millfeed.*
Cleveland Grain Co., The, receivers and shippers.*
Gates Elevator Co., The, receivers and shippers.*
Lick Shore Elevator Co., grain and feed.*
Sheets Elevator Co., The, grain, hay, straw.*
Shepard, Clark & Co., grain merchants.*
Star Elevator Co., receivers, grain, hay, straw.*
Strauss & Co., H. M., receivers, shippers hay & grain.*
Union Elevator Co., The, grain and hay.*

CULLMAN, ALA.

Ponder & Kelley, grain, feed, gen'l mdse.

DALLAS, TEX.

E. A. Johnson Co., grain and flour brokers.

DAVENPORT, IOWA.

Davenport Elevator Co., receivers and shippers.*

DECATUR, ALA.

Lyle-Taylor Grain Co., whse. grain, hay, feeds.

DECATUR, ILL.

Baldwin & Co., H. L., grain brokers.*

DENVER, COLO.

Grain Exchange Members.

Ady & Crowe Merc. Co., The, grain and hay.
Conley-Ross Grain Co., The, grain and beans.
Crescent Flour Mills, The, wheat, corn oats.*
Gallagher Grain Co., grain merchants.*
Denver Elevator. We buy and sell grain and beans.*
Hungarian Flour Mills, wheat, corn, oats, etc.
Kellogg Grain Co., O. M., receivers and shippers.*
McCaull-Dinsmore Co., wholesaler and commission.*
O'Donnell Grain Co., wholesale grain.*
Phelps Grain Co., T. D., wholesale grain.*
Scott-George Grain Co., receivers and shippers.*
Summit Grain & Coal Co., wheat, corn, oats, rye, barl.*
Thompson Merc. Co., The W. F., wholesale hay.
Warwick Grain Co., buyers & sellers all kinds of grain.

DES MOINES, IOWA.

Board of Trade Members.

Anderson Co., D. L., grain merchants.*
Bartiz & Co., W. H., grain merchants.*

DES MOINES (Continued)

Des Moines Elevator & Grain Co., oats a specialty.
Iowa Grain Co., receivers and shippers.
Lockwood, Lee, grain, millfeed broker.
Marshall Hall Grain Co., grain commission.
Mid-West Consumers Grain Co., grain merchants.*
Perrine & Co., W. H., commission merchants.*
Taylor & Patton Co., corn and oats.
Tower, C. A., grain broker.

DETROIT, MICH.

Board of Trade Members.

Carson & Co., H. C., corn, oats, rye.*
Dumont, Roberts & Co., receivers, shippers.*
Huston, C. R., grain, hay consignments a specialty.*
Lichtenberg & Son, oats, corn, hay, straw.
Simmons & Co., F. J., grain and hay.*

FORT WORTH, TEX.

Grain and Cotton Exchange Members.

Dorsey Grain Co., receivers, shippers.

GADSDEN, ALA.

Alabama Brokerage Co., grain, feed, hay, fr., mdse.
Gadsden Brokerage Co., feed, fr., hay c/s pdts.

GREAT FALLS, MONTANA.

Barkemeyer Grain & Seed Co., grain dealers.*

GREENVILLE, MISS.

Lyle & Lyle, whse. grain, hay, feedstuffs.

GREENSBORO, N. C.

Moon-Taylor Co., grain and hay brokers.*

GREENVILLE, O.

Grubbs Grain Co., E. A., track buyers.*

GULFPORT, MISS.

Corso & Runfalo, gro., grain, feed, flour, hay.
Gulfport Grocery Co., gro., grain, fd., fr., etc.*
Howie & Co., J. B., bkrs., grain, fd., fr., hay.

HAMMOND, IND.

Nowak Milling Corp., "Domino Feeds."

HASTINGS, NEBR.

Elder, Fred W., wholesale grain, hay and mill pdts.*
Koehler-Twiddle Elevator Co., grain dealers.*
Moritz Grain Co., Chas., wholesale grain.
Sexson, C. R., grain.

HATTIESBURG, MISS.

Bobo & Co., W. E., bkrs., mdse., grain, hay, fd., fr.
McLain & Co., A. S., grain, feed, mdse. broker.
Merchants Grocery Co., bkrs., mdse., grain, fd., fr.

HOUSTON, TEX.

Beatty-Archer Co., grain brokers.*

Gulf Grain Co., grain, hay, millfeed.*

HUTCHINSON, KANS.

Board of Trade Members.

Farmers Co.-Op. Com. Co., commission merchants.
Gano Grain Co., grain merchants.
Hausam-Bateman & Co., grain buyers and sellers.
Hayes Grain Co., John, grain merchants.
Hutchinson Grain Co., grain merchants.
Kelly Milling Co., Wm., millers of hard wheat.
Jay Hausam & Company, grain merchants.
McClure Grain Co., J. B., buyers and sellers.*
Pettit Grain Co., L. H., grain merchants.
Reno Flour Mills Co., millers and grain dealers.
Rock Milling & Elevator Co., receivers and shippers.
Russell Grain Co., commission merchants.
Southwest Grain Co., receivers and shippers.
The Security Ele. Co., receivers, shippers milo kafir.
Union Grain Co., grain merchants.

HUNTSVILLE, ALA.

Huntsville & Decatur Bkg. Co., dlsr. gr. & gr. pdts.
Lyle & Lyle, whse. grain, hay, feedstuffs.

INDIANAPOLIS, IND.

Board of Trade Members.

Belt Elevator & Feed Co., receivers and shippers.
Bingham-Hewett-Scholl Co., grain merchants.*
Boyd Grain Co., Bert A., strictly brokerage & com.*
Cleveland Grain Co., grain commission.
Evans Grain Co., W. R., commission and brokerage.*
Goldberg Grain Co., consignments.*
Hayward-Rich Grain Co., grain commission.*
Hill Grain Co., The Lew, commission & brokerage.
Hoosier Grain Co., consignments only.
Kinney Grain Co., H. B., receiver and shipper.*
McCardle-Black Co., grain merchants.
Menzie Grain & Bkg. Co., Carl D., grain commission.*
Merchants Hay & Grain Co., hay, grain, mill feed.*

(Continued on next page.)

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

INDIANAPOLIS (Continued)

Minor & Son, B. B., grain consignments solicited.
Montgomery & Tompkins, receivers and shippers.
Sawyers Grain Co., consignments.
Shotwell & Co., C. A., grain & hay.
Umston Grain Co., receivers and shippers.*
Witt, Frank A., grain commission and brokerage.*

JACKSON, MICH.

Bartlett & Co., J. E., feed, grain, salvage.*
Stockbridge Elvtr., track buyers, sellers, gr. & sds.
Wagner-White Co., track buyers-sellers, grain-feed.

JACKSON, MISS.

Aviston Flour Co., feed mfrs. whl. flour, grain.*
Brittain & Co., P. L., mer. bkrs., dls. hay, gr., mill pds.
Green, R. H., whlse. grocers, pdsce, grain, mill feed.
Nall & Co., A. S., grain brokers.
Royal Feed & Mfg. Co., mixed feed mfrs.*

JASPER, ALA.

Acuff, J. D., buyer white milling corn.
Robins, J. H., grain, hay, feed, flour broker.

KANSAS CITY, MO.

Board of Trade Members.

Addison Grain Co., consignments.
Beyer Grain Co., consignments and mill orders.
Bruce Bros. Grain Co., consignments.
Christopher & Co., B. C., kadr, feterita, milo.*
Croysdale Grain Co., grain commission.
Davis Grain Co., A. C., grain commission.
Denton Kuhn Grain Co., consignments.*
Dilts & Morgan, consignments.*
Ernst Davis Grain Co., commissions.*
Federal Grain Co., receivers, shippers.*
Fisher Grain Co., C. V., receivers & shippers of grain.*
Frisco Elevators Co., grain merchants.*
Goffe & Carkner, receivers and shippers of grain.*
Hall-Baker Grain Co., consignments.
Hinds Grain Co., The, receivers, shippers.*
Hipple Grain Co., feterita, kafir, milo.
Larabee Flour Mills Corp., The, mfrs. "Larabee Best."
Masters Brokerage Co., H. S., flour, millfeed, grain.
Mensendieck Grain Co., consignments.*
Moore-Lawless Grain Co., grain receivers.*
Moore-Seaver Grain Co., receivers and shippers.*
Nellis-Witter Grain & Mfg. Co., grain and feed.*
Norris Grain Co., grain merchants and exporters.
Orthwein Matchette Co., consignments, buying orders.*
Parker Corn Co., corn, oats, kafir, milo.*
Roehen Grain Co., E. E., consignments.
Root Grain Co., consignments and futures.*
Shannon Grain Co., consignments.
Steverson Grain Co., buyers and sellers.*
Terminal Elevators, receivers, shippers.*
Twidale-Wright Grain Co., consignments, futures.
Thresher Fuller Grain Co., grain commission.*
Western Grain Co., shippers (a specialty).*

KNOXVILLE, TENN.

Davis & Susong Co., hay, grain, feed.*
Levy & Co., R. T., merchandise and grain brokers.
Security Mills & Feed Co., flour and feed.*
Smith & Co., J. Allen, flour, meal, feed.*

LAKE CHARLES, LA.

Beatty Brokerage Co., grain brokers.*

LITTLE ROCK, ARK.

Grain Exchange Members.

Cunningham Commission Co., grain, corn products.*
Caple & Stockton, hay, grain, feed.
Cochran Co., H. K., grain dealers.
Daniel Mill & Elevator Co., Joe, grain, hay, feed.
Darragh Company, hay, grain, mixed feeds.*
Davis, S. P., dealer, consignments.
Farmer Co., E. L., brokers, hay, grain, mill feed.*
Gordy Co., C. L., grain broker, hay, grain, mill feed.
Hayes Grain & Commission Co., dealers in grain, hay.*
Munn Brokerage Co., grain, hay, mill feed.*
Niemeyer Grain Co., George, grain, hay, mill feed.*
Wellmann Milling Co., grain, hay, mixed feeds.
Wilson Co., John R., grain brokers.
Wilson & Co., hay, grain, feed brokers.

LIMA, O.

Riddle & Co., T. P., hay and grain.

LOS ANGELES, CALIF.

Grain Exchange Members.

Pacific Grain & C. S. P. Co., grain & c/s meal.

LOUISVILLE, KY.

Board of Trade Members.

Bingham-Hewett Gr. Co., receivers-shippers of grain.*
Edinger & Co., grain, hay, flour.
Farmer & Sons, Oscar, hay, grain and feeds.*
Kentucky Public Elevator Co., storers and shippers.*
Schuff & Co., A. C., specialty white mlg. corn, wh.*
Verhooff & Co., H., receivers and shippers.*
Zorn & Co., S., receivers and shippers.*

LYNCHBURG, VA.

Moon-Taylor Co., grain and hay brokers.*

MEMPHIS, TENN.

Merchants Exchange Members.

Anderson, Embrey E., grain, hay, ear corn specialty.*
Browne, Walter M., broker & com., consignments.*
Buxton, E. E., broker and commission merchant.*
Bluff City Grain Co., all grains, oats a specialty.*
Cereal Byproducts Co., everything for mixed feeds.

MEMPHIS (Continued)

Clark-Burkle & Co., grain and hay.*
Cook, L. P., receiver and shipper.
Davis & Andrews Co., grain, mixed feed.*
Denyven & Co., brokers and commission.*
Edgar-Morgan Co., mixed feed manufacturers, grain.
Hasenwinkle, H. J., consignments.
Horton & Co., J. B., grain dealers.
International Sugar Feed No. 2 Co. mfrs, swt. mx. fd.
Jones, Lee D., grain dealers.*
Lovitt & Co., L. B., cotton seed and peanut products.
Marks & Anderson, wholesale grain, hay, mixed feed.
Memphis Milling Co., high grade mixed feed.*
National Brokerage Co., flour, grain, feed brokers.*
Mississippi Elevator Co., grain dealers, feed mfrs.*
Nessly Co., J. L., broker, com., alf. meal, molasses.*
Patterson & Co., G. E., mfrs. mixed feed, grain.*
Pease & Dwyer, grain, mixed feed.*
Riverside Elevator & Warehouse, broker & whse'man.
Royal Feed & Milling Co., mixed feed manufacturers.
Scruggs-Robinson Co., brok. com. mer., consignments.*
Sessum Coal & Grain Co., grain, mixed feed.
Stout-Hunt Milling Co., flour and corn meal.
Tate & Co., J. E., wholesale grain dealers.
U. S. Feed Co., grain, hay, mill feed.*
Wade & Sons, Inc., John, grain, feed, flour.*

MERCER, MO.

Alley Grain Co., oats, corn, wheat, seeds.*
Alley, A. A., dealers & broker, grain and seeds.

MERIDIAN, MISS.

Board of Trade Members.

Anderton & Co., W. A., whole brokers, gr., hay, fd.
Elkin-Henson Grain Co., gr. mxd. fd., hay, ctn. sd. pts.
George Co., The A. H., grain dlsrs., mxd. fd. mfrs.*
Gibson Brokerage Co., J. A., grain & mdse. brokers.
Harris, John K., grain and mdse. broker.
Hayward & Scott, grain brokers & mfrs. agents.
Lyle Grocery Co., The, Tom, who, gro., grain & hay.
Lyon & Co., A. J., whole gro., grain, feed.
Meridian Grain & Elvtr. Co., gr. dlsrs., mxd. fd. mfrs.
Meyer Bros., wholesale groc., grain, feed.
Smith Brokerage Co., grn., gr. pds., hay, ctn., sd. pts.
Sturgis Co., grain dealers, mixed feed mfrs.*
Threefoot Bros. & Co., whole grain, feed, fr., gro.
Snowden Com. Co., grain, hay, rice brokers.
Tutt Grain Co., J. B., grain, fd., ctn. sd. pds., dlsrs.
Queen City Feed Co., grain, hay, flour, corn meal.
Winner-Klein & Co., whole gro., grain, feed.

MIDDLETOWN, CONN.

Meech & Stoddard, Inc., grain, feed, hay, flour.*

MILWAUKEE, WIS.

Chamber of Commerce Members.

Bacon Co., E. P., grain and seed.*
Franklin Grain Co., feeds, grain, hay.
Godfrey-Blanchard Co., grain receivers.*
Kamm Company, P. C., barley and rye.*
Quinn Shepherdson Co., receivers & shippers.*
Rankin, M. G., & Co., grain and feed.*
Rialto Elvtr. Co., grain receivers and shippers.*
Taylor & Bournique Co., grain merchants.*
Thayer & Co., C. H., receivers & shippers.*

MINNEAPOLIS, MINN.

Chamber of Commerce Members.

Banner Grain Co., grain receivers.
Benson, Stabeck Co., grain commission.*
Cargill Commission Co., grain commission.*
Carter, Sammis & Co., grain commission.*
Cereal Grading Co., grain merchants.*
Chambers-Mackay Co., screenings & mill feed.
Dairymple Co., William, grain commission.*
Davies & Co., F. M., grain commission.*
Gee Grain Co., G. E., receivers and shippers.
Getchell-Tanton Co., grain commission.*
Godfrey-Blanchard Co., grain receivers-shippers.*
Gould Grain Co., receivers and shippers.*
Hankinson & Co., H. L., grain commission.*
Lewis & Co., Chas. E., consignments.*
Malmquist & Co., C. A., receivers & shippers.
Marfield Grain Co., grain commission.*
McCaull Dinsmore Co., consignments solicited.*
Quinn-Shepherdson Co., receivers and shippers.*
Scroggins Grain Co., corn and oats.*
Van Dusen-Harrington Co., grain merchants.*
Welch Co., E. L., mill oats & screenings.*
Wernli-Anderson Co., grain commission, screenings.
Woodward Newhouse Co., grain merchants.
Zimmerman, Otto A., barley and oats my specialty.

MOBILE, ALA.

Butler & Clark, mdse., grain, ctn. sd. pds., brokers.
Cleveland Co., Frank, bkrs. & com. merchants.
Hopper & Co., H. M., grain, mlds., hay brokers.*
King & Co., John R., bkrs., grn., mlds., hay, beans.
Meador & Co., W. M., mdse. & grain brokers.
Minnis & Co., A. R., bkrs., grain, feed, ctn. sd. pds.
Suttle, J. L., grain, gr. pds., feed, mdse. broker.*
Turner-Young Grain Co., dlsrs., gr., gr. pds., mfrs. fd.
Vass & Co., H. P., mdse. & grain brokers.
Wilson Brokerage Co., expt. freight bkrs., fwdg. agts.
Zillak & Schafer Mfg. Co., grain & gr. pds., feed.
Zimmern's Co., J., mxd. fd. mfrs., dlsrs. grain & hay.

MONTGOMERY, ALA.

Alabama Black Belt Co., gr. bkrs., dlsrs. in Ala. pds.
American Mlg. & Feed Co., mfrs. crn. ml., gr. dl., fd.
Browder Bros., grain, feed, flour, mdse. bkrs.

MONTGOMERY (Continued)

Cody-Craig Co., grain, feed, flour, mdse., brokers.
Hobbie Grocery Co., H. M., opertrs. "Hobbie Elvtr."
Holland & Co., O. C., mdse. & grain brokers.
Lutz & Co., E. G., bkrs., grain, feed, flour, mdse.
Mitchell & Co., Chas. E., dlsrs., hay, grain, cow peas.
Richardson Co., O. A., grain, feed, flour brokers.
Shank & Copeland, bkrs., grain, fd., fr., hay, mill pds.
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Winter, Loeb Grocery Co., grain, feed, flour, mdse.

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Crozier & Co., W. H., receivers and shippers.*
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Hermitage Elvtr. & Warehouse Co., public storage.*
Jones & Co., Chas. D., receivers and shippers.*
Kerr, S. S., receiver and shipper.*
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Mero Mills, Flavo Flour, feeds.*
Nashville Grain & Feed Co., receivers and shippers.
Nashville Roller Mills, self rising flour mfrs.*
Nashville Warehouse & Elvtr. Co., public storage.*
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Rex Mill & Feed Co., grain and feeds.*
Tate, W. R., receiver and shipper.*
Tennessee Grain Co., receivers and shippers.*
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Wilkes & Co., J. H., grain, flour, feeds.*
Werke & Co., R. H., grain, feed, hay.

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NEW CASTLE, PA.

Hamilton Co., grain, feed, flour, hay, potatoes.*

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Langenberg Hay & Grain Co., recvrs., shprs. & expts.*
Lunham & Moore, forwarding & freight brokerage.
Matthews & Bro., Chas. R., grain & grain pds., brks.*
Matthews & Sons, Geo. B., recvrs. & shprs., feed mfrs.
Milam-Morgan Co., Ltd., recvrs., shprs., mx. fd. mfrs.
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Richeson Co., Inc., W. L., expt. shpg., fgt. bkg. & fg.*
Rodd & Co., Chas. M., gr. brokers & fwdg. agents.*
Rogers, James M., grain brokerage & forwarding.*
Royal Feed & Mfg. Co., mfrs. of mixed feed.
Thomas Co., James, exporters & forwarders.
Waterman & Co., J. S., gr. flour & fd. bkrs., fr. jbrs.*

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Cozart Grain Co., C. B., grain merchants.
Conyers Grain Co., grain merchants.*
Dustin Grain Co., grain, feed, seeds.*
Langenberg Bros. Grain Co., grain merchants.
Maney Export Co., grain merchants.*
Marshall-Jacobson Grain Co., grain, feed, seeds.*
Mid-West Grain Co., grain merchants.
Oklahoma Export Co., grain commission.*
Okla. City M. & E. Co., grain merchants, millers.*
Rutledge Grain Co., commission merchants.*
Perkins Grain Co., W. L., commission merchants.*
Polson & Co., C. A., commission merchants.*
Stinnett Grain Co., grain merchants.*
Stowers Grain Co., W. B., commission merchants.*

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Butler Welsh Grain Co., grain merchants.*
Carlisle Grain Co., S. S., consignments.*
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Dawson Grain Co., grain merchants.
Holmquist Elevator Co., receivers and shippers.*
Kern Co., brokers and commission merchants.*
Maney Grain Co., The, consignments.*
Merriam Commission Co., consignments.*
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Nye Schneider Fowler Grain Co., consignments.*
Oswald Delaney Grain Co., consignments.*
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Trans-Mississippi Grain Co., receivers and shippers.*
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Updike Grain Co., consignments.*

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In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

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Buckley & Co., grain and seeds.*
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Dewey & Sons, W. W., grain commission.*
Feltman Grain Co., C. H., grain commission.*
Harwood-Young Co., grain commission.*
Luke Grain Co., grain commission.*
McFadden & Co., G. C., consignments.
McCreery & Son, J. A., wheat, corn, oats.*
Miles, P. B. & C. C., grain commission.*
Mueller Grain Co., receivers and shippers.*
Slick, L. E., consignments solicited.
Turner Hudnut Co., receivers and shippers.*
Tyng Grain Co., commission merchants.*
Worth-Gyles Grain Co., grain commission.

PENSACOLA, FLA.

Bonacker Bros., bkrs., gr., hay, feed, flr., ctn. sd. pts.
Consolidated Grocery Co., whole gro., grain, produce.
Gonzalez Co., The M. F., gr., hay, feed, mfrs. crn ml.
Jones & Co., B., grain, hay, flr., mill feed brokers.
Meador & Co., W. M., mdse. & grain brokers.
Wagenheim Co., The I. E., bkrs. mdse., gr., shorts, bn.
Wolff, I., mdse., grain, feed broker.

PHILADELPHIA, PA.

Commercial Exchange Members.

Delp Grain Co., E. E., grain and millfeeds.*
Dunwoody Co., Ezi., flour, grain, feed.*
Lemont & Son, E. K., hay, grain, millfeed.
Miller & Sons, L. F., grain, seeds, hay.*
Richardson Bros., grain, flour, millfeeds.*
Richardson, Geo. M., grain and feeds.*
Rogers & Co., E. L., hay, straw, grain, feed.*
Taylor & Bournique Co., grain merchants.*
Young & Co., S. H., wheat, corn, oats.

PITTSBURGH, PA.

Members Grain and Hay Exchange.

Elwood & Co., R. D., hay and grain.*
Geidel & Leubin, grain and hay.
Hardman & Heck, grain, hay, millfeed.*
Heck & Co., W. F., grain, hay, millfeed.*
Herb Bros. & Martin, grain and hay.
McCague, R. S., grain, hay.
Taylor & Bournique Co., grain merchants.*
Walton Co., Samuel, grain and hay.*
Young & Fisher, brokerage and commission.*

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Balbach, Paul A., grain buyer, all markets.

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Albers Bros. Mfg. Co., millers and exporters.
Globe Grain & Mfg. Co., grain, hay and feed.*
Kerr, Gifford & Co., Inc., grain exporters.*
Northern Grain & Warehouse Co., grain exporters.*
Pacific Coast Elevator Co., grain.*
Pacific Grain Co., grain exporters.*
Ryer Grain Co., wheat, corn and oats.
Tri-State Terminal Co., general grain and bags.*

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McClelland Mc'I I. & R. Co., grain, hay and feed.*

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ROANOKE, VA.

Albergotti Bros., hay, grain, feed, flour.*

SAGINAW, MICH.

Smith-Connor Hay & Grain Co., hay and grain.

SEATTLE, WASH.

Albers Bros. Mfg. Co., millers and exporters.
Fairbanks & Co., F. M., grain and feed.
Lilly Co., The Chas. H., seed merchants.*
Pacific Grain Co., grain exporters.*
Ryer Grain Co., wheat, corn and oats.*
Tri-State Terminal Co., general grain and bags.*

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Gordon Commission Co., T. P., gr. dealer and broker.*
Great Western Grain Co., buyers and sellers.*
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Marshall Hall Grain Co., consignments solicited.*
McKee Lindley & Dunn Grain Co., commission.
Sloan Simmons Grain Co., consignments.*
St. Joseph Hay & Grain Co., grain merchants.*

ST. LOUIS, MO.

Annan Burg G. & M. Co., flour, grain, millfeed.*
Ballard-Messmore Grain Co., recvrs. grain, hay, seeds.
Bushfield Grain Co., receivers and shippers.
Dreyer Commission Co., feeding stuffs, grain, seeds.*
Elmore Schultz Gr. Co., receivers and shippers grain.*
Goffe & Carkener Co., grain commission.*
Graham & Martin Grain Co., grain commission.*
Icheritz & Watson, grain, seeds and hay.*
Marshall Hall Grain Co., grain commission.*
Langenberg Bros. Grain Co., grain commission.*
Morton & Co., grain commission.*
Nanson Commission Co., grain commission.*
Picker & Beardsley Com. Co., grain and grass seed.*
Powell & O'Rourke, corn a specialty.
Thurnau Grain & Feed Co., Arnold A., grn., fd., scrngs.*
Toberman, Mackey & Co., grain, hay, seeds.*
Turner Grain Co., grain commission.

SELMA, ALA.

Baker, A. E., mdse., grain, feed, flour broker.
Campbell & Co., McD., brokers gr., flr., mdx. fd., hay.
Crandell, H. F., merchandise & grain broker.
Hooper, Son & Coleman, mdse., grain, flour brokers.
Ross, Rivers F., merchandise & grain broker.

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Board of Trade Members.

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Bailey, Walter H., grain merchants.*
Godfrey Blanchard Co., grain receivers.*
McCaull Dinsmore Co., commission.*
Rumsey & Co., receivers of consignments.*
Slaughter Burke Grain Co., receivers, shippers.*
Taylor & Bournique Co., grain merchants.*
Terminal Grain Corp., receivers and shippers.
Western Terminal Elevator Co., receivers and shippers. Goodrich Bros. Hay & Grain Co., whlrs. gr. and seeds.*

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King & Co., C. A., grain and seeds.
Morehouse & Co., wholesale grain and seeds.
Rice Grain Co., cash grain.*
Southworth & Co., grain and seeds.*
Wickenhiser & Co., John, grain receivers, shippers.
Young Grain Co., grain receivers, shippers.
Zahn & Co., J. F., grain seeds.*

TOPEKA, KANS.

Derby Grain Co., wheat, corn, oats, and millfeed.*

TOPPENISH, WASH.

Preston Co., H. P., alfalfa meal, grain, hay, feedstuffs.

TUSCALOOSA, ALA.

Eddins Brokerage Co., grain, feed, flour, mdse.
Indian Milling Co., mixed feed mfrs.
Rosenbush Brokerage Co., grain, feed, flour, mdse.
Southern Grain Co., grain, hay, mfrs. corn meal.

TUSCUMBIA, ALA.

Belser, Harry K., grain, feeds, mdse broker.
Hammerly, E. T., grain, hay, feed, seed.

UNION CITY, TENN.

Cherry-Moss Grain Co., grain, hay, feeds, seeds.
Dahnke-Walker Milling Co., milling, grain, feed.*
Howell Grain & Feed Co., grain and feed.

VICKSBURG, MISS.

Weil & Son, R., brokers; corn, oats, meal, hay, chops.
Wilkinson, R. C., grain broker.

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Blood-Pickerill Grain Co., consignments, mill orders.
Clark Burd Grain Co., consignments.*
Clark Grain Co., C. M., all kinds grain and feed.
Craig Grain Co., J. W., consignments and mill orders.
Groth, Samuel C., milling wheat and feed.
Hayes Grain Co., John, Okla.-Kan. wheat for milln.
Kansas Flour Mills Co., receivers and shippers.*
Kansas Milling Co., millers and grain merchants.*
Kelly Grain Co., Edward, grain and mill feed.
Koch Grain Co., Geo., milling wheat.
Kramer Grain Co., receivers and shippers.*
Raymond Grain Co., consignments.
Strong Trading Co., wholesale grain and feed.*
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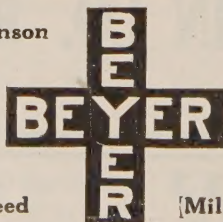
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FEED MIXERS
Alfalfa Meal Reground Oat Feed
Telegraph collect for delivered prices.
E. P. MUELLER
5 N. La Salle St. Chicago, Ill.

MATTHEW D. BENZAQUIN
GRAIN AND FEED
Brokerage and Commission
DOMESTIC and EXPORT
505 Chamber of Commerce. Boston, Mass.

Your Advertising Seed

may grow anywhere, but you are sure to reap a bountiful crop of large orders when planted in our "Seeds Wanted - For Sale" department.

CUBA
WE CAN SELL YOUR
CORN, OATS
and **OTHER GRAINS**
advantageously throughout the Island of Cuba.

VALLE, DUPEIRE Y CIA
Teniente Rey 11 HABANA, CUBA

JAQUITH, PARKER, SMITH & CO.
708 Cham. of Com., BOSTON, MASS.
We buy all kinds of Grain and Mill Feed, Sample Feed Wheat, Barley, Milo, Kafir Corn, etc., for
NEW ENGLAND AND EASTERN TRADE
Send Samples—Write Us

Paul Kuhn & Co.
Receivers and Shippers
GRAIN
Terre Haute and Evansville, Ind.

When writing advertisers mention the Grain Dealers Journal of Chicago which works to improve your trade conditions. By so doing you help it and your own business.

RECEIVERS, SHIPPERS AND BROKERS

S. J. BROWN

Grain Broker, Spokane, Wash.
Accounts from reputable grain
firms solicited.

WILSON BROKERAGE CO.

EXPORT FREIGHT BROKERS
FORWARDING AGENTS
BANK OF MOBILE BUILDING
MOBILE . . . ALABAMA

ALBERGOTTI BROS.

MERCHANDISE BROKERS
ROANOKE, VA.
HAY, GRAIN, FEED AND FLOUR
We Cover a Great Consuming Territory

H. C. CARSON & CO.

WHEAT—CORN—OATS—RYE—BEANS
1548 Penobscot Bldg., DETROIT
"CONSIGN TO CARSON"

Solicit inquiries for Natural and Kiln
Dried Corn, Country White Oats

E. A. GRUBBS GRAIN CO.
Greenville, Ohio

E. I. BAILEY

CLEVELAND, OHIO
Receiver and Shipper of
Corn, Oats, Mill Feed
Ask for Prices

The Fort Worth Elevators Company

FORT WORTH, TEXAS
GRAIN, FEEDS, FIELD SEEDS AND PUBLIC STORAGE
KAFIR, MILO MAIZE, FETERITA
Wire or Write Us to Sell or Buy

CONSIGN WHEAT - CORN - OATS

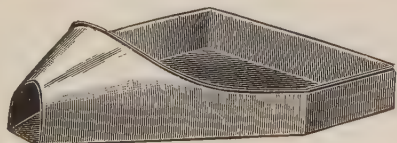
—TO—
DUMONT, ROBERTS & CO.
301-2 Cham. of Com., DETROIT
"The top o' the market to you."



L. E. SLICK ..Grain..

Call us for track bids
Consignments Solicited
Peoria -- Illinois -- Bloomington

GRAIN SAMPLE PANS



Made of sheet aluminum, formed by bending, reinforced around top edge with copper wire. Strong, light and durable. The dull, non-reflecting surface of the metal, which will not rust or tarnish, assists the user to judge of the color and detect impurities.
Grain Size, $2\frac{1}{4} \times 12 \times 16\frac{1}{2}$ ", Price \$1.90
Seed Size, $1\frac{1}{2} \times 9 \times 11$ ", Price \$1.65.
Send All Orders to

GRAIN DEALERS JOURNAL, 305 S. La Salle St., CHICAGO, ILL.

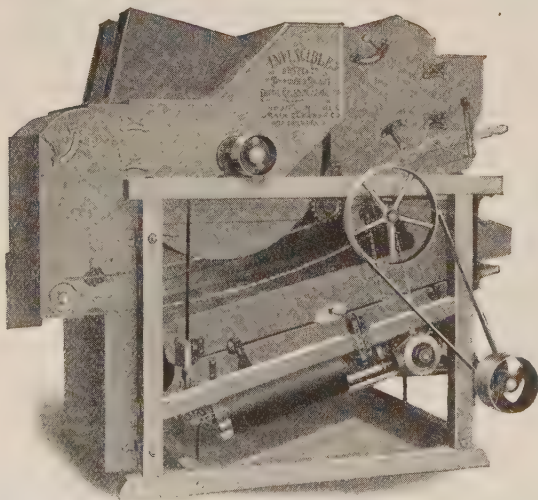
Smutty Wheat Wanted

Carlots or less
Submit samples. Get our bids

STOCKBRIDGE ELEVATOR CO.
Jackson, Michigan

For Accurate Moisture Tests
use our Grain Dealers' Air
Tight Cans for forwarding
your grain samples.

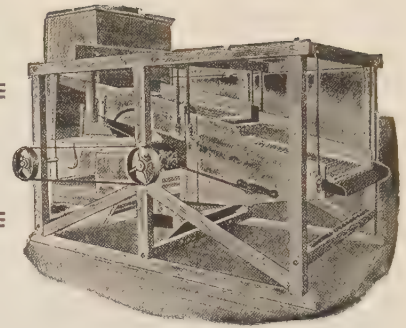
ST. LOUIS PAPER CAN & TUBE CO.
ST. LOUIS, MO.



Recognized as the ONE
dependable Receiving
Separator — Fully de-
scribed in bulletin No.
24—Write for it.

Invincible Grain Cleaner Co.

SILVER CREEK, N. Y.



— DURABLE —

— DEPENDABLE —

— ECONOMICAL —

THE
*Efficiency of Any Grain
Elevator or Feed Mill
Depends Upon—*

The kind of machinery installed. The equipment used must produce results; it must produce high-grade products at a good profit; it must cut out unnecessary repair bills; in short, it must be Durable, Dependable, Economical and Efficient. These superior qualities reveal the secret why the old reliable

BARNARD-MOLINE LINE RANKS HIGH

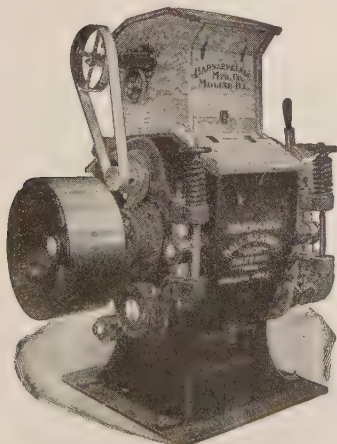
among thousands of experienced Millers and Elevator men throughout the world today. They have not only used it for many years and compared it with other lines, but have tested it and found it Reliable in every way. If you want profitable results—install the old reliable Barnard-Moline line.

Write for Free Catalog No. G-38

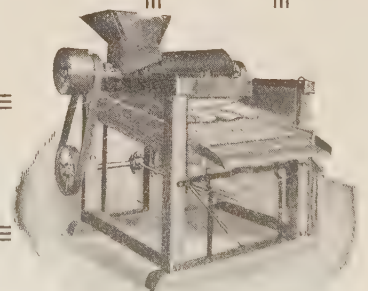
Barnard & Leas Mfg. Co.

*"Builders of High-Grade Mill and
Elevator Machinery Since 1860"*

MOLINE, ILLINOIS



— EFFICIENT —



"Hamilton Made"



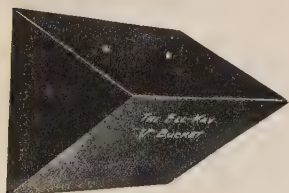
Belting for Every Elevator Purpose

For years our study has been how to make the best Rubber Belting. The "Hamilton Made" brands are standard among elevator managers. There are two standard brands: INVINCIBLE for Cleaners, Shellers, Clippers, Separators, Feed Mills, Car Pullers, Engines and Motor Drives. LAKEWOOD for Legs and Conveyors. Write for particulars.

Hamilton Rubber Mfg. Co., 218 No. Wells St., Chicago

Factories: Trenton, N. J.

Branches: New York and Philadelphia



"V" Elevator Buckets

"Standard" Buckets are built to endure long, hard usage. Designed to obtain perfect discharge at high speed.

Size for size, you'll find Standard Buckets from 2 to 4 gauges thicker than usually found in this type.

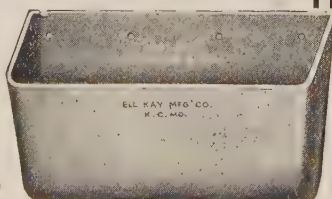
Made in sizes 3 x 3 inches to 20 x 8 inches—large sizes, steel braced at center.

No matter what your requirements may be in steel or galvanized Mill and Elevator equipment, you owe it to your pocketbook to get our quotations.

Standard Steel Works

Successors to The Ell-Kay Mfg. Co.

1726 Tracy Street
Kansas City
Missouri



Too Many Buyers

Read this letter received from
Cook Bros., Woodward, Iowa.

Grain Dealers Journal, Woodward, Iowa.
Chicago, Ill.

Gentlemen:—You may take out our two ads as we have received two checks for the mill and closed a deal for a motor, both results from the first issue of your Journal containing our ad.

Yours very truly,
COOK BROTHERS.

Here are the ads referred to

MACHINERY FOR SALE

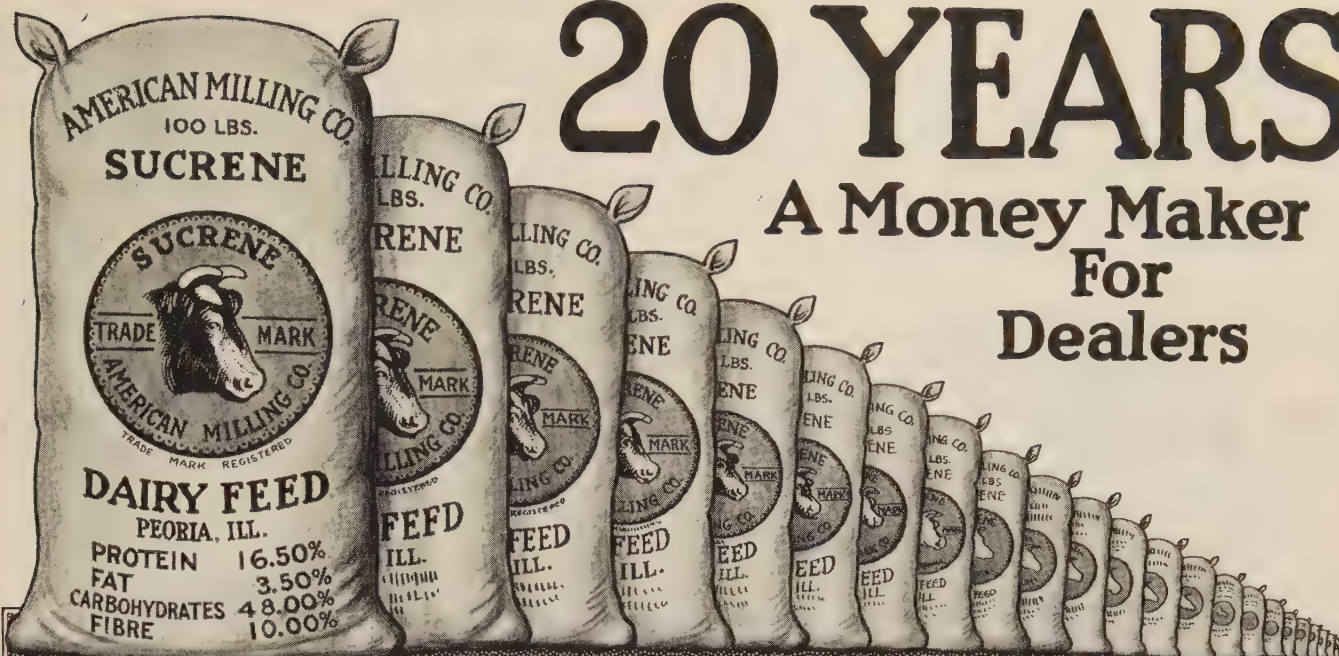
FOR SALE—Three Roll Willford Mill in good condition; \$50.00 buys it. Cook Bros., Woodward, Iowa.

DYNAMOS AND MOTORS

We want a 7 to 10 Horse Direct Current 600 Volt, about 1000 Revolutions per minute, Electric Motor. Write Cook Bros., Woodward, Iowa.

This is only one of many instances where the "WANTED—FOR SALE" columns of the Grain Dealers Journal, Chicago, have proven to grain elevator owners the logical market place for Second-Hand Machinery.

These ads cost but 25c per type line each insertion.



20 YEARS

A Money Maker
For
Dealers

SUCRENE FEEDS

20 YEARS—20 REASONS why Sucrene Feeds should be your logical choice for feed handling profits.

Each succeeding year has added new triumphs to Sucrene Feeds. Constant demands on the part of the feeder have inspired the dealer to keep well stocked on Sucrene products, and as a result enormous sales have followed.

Your strongest basis for sales, next to the peculiarly favorable conditions in the feeding world, are the

Remarkable Feeding Records

which stock raisers, dairymen and poultry men have made in recent years with

Sucrene Dairy Feed
Sucrene Hog Meal
Sucrene Calf Meal

Sucrene Horse Feed with Alfalfa
Sucrene Poultry Mash with Buttermilk
Sucrene Scratch Feeds

Sucrene Feeds have always been advertised in a big way. The demand for them is greater than ever, and our new mill at Peoria enables us to meet it. We are having a big run, especially on the entire line of Sucrene Scratch Feeds for poultry, which offers an attractive business opportunity right now.

Let us have your order at once for a supply that will enable you to take care of the business that's waiting for you.

AMERICAN MILLING COMPANY
Main Office and Mills: **PEORIA, ILL.**

Branch Offices: Philadelphia, Pa., 205 The Bourse
Boston, Mass., 85 Broad Street, Boston 9.
Cleveland, Ohio, 419 Sloan Bldg.

"The best thing about your Sucrene Dairy Feed is that it satisfies the dairymen, as every bag we put out is a repeater."
—E. C. Everett, Marysville, Ky.

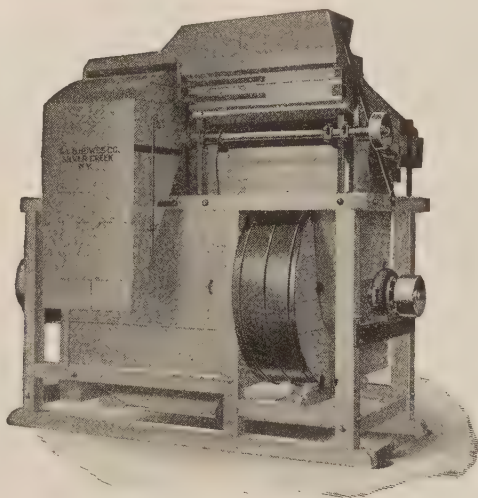
"For many years we have handled your Sucrene Dairy Feed. We consider it one of the best and most economical feeds on the market, always up to the guarantee."—S. S. Dixon, Toledo, Ohio

"I have tested almost all commercial feeds offered to corn belt swine growers. I found your feed to be the very highest quality, with growing power on young stock to develop them into the most perfect specimens I have ever seen."
—E. C. Stone, Secy., American Hampshire Swine Record Assn.

"We have sold Sucrene Feeds for several years and take pleasure in advising that our customers are perfectly satisfied with your products. As evidence we enclose order for another carload. We can especially recommend your Sucrene Hog Meal."—Canal Elevator Co., Peru, Ind.

"Since we commenced to handle your Scratch and Chick Feeds, we have largely increased our poultry feed sales; and at present rate will handle 50 cars of this feed this year. The cleanliness and uniform quality of these feeds appeal to our trade."—The James McCoy Co., Peoria, Ill.

Five of these giant machines are in operation in one house, clipping daily more oats than are consumed in two average size cities in a week.



Ask someone who owns one!

THE thing the owner of a "Eureka" admires most in his machine is its Constancy. He knows that he can always depend upon it to do satisfactory cleaning. It gives him Constancy in performance, and he gives it back Constancy in friendship. Thus do the manufacturer's sales grow by one owner recommending the "Eureka" to another.



"EUREKA"



OAT CLIPPERS

have distinguished themselves over a long period of years in the hands of men who insist that things must move with clock-like regularity, and who judge equipment by its ability to do good work 365 days a year.

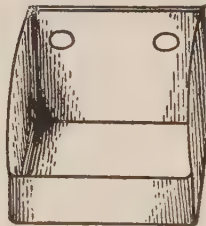
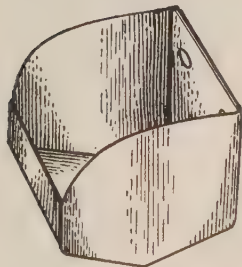
MAY WE SEND YOU COPY OF OUR NEW BOOK (No. 75)?

S. HOWES COMPANY, Inc.
SILVER CREEK, N. Y.

REPRESENTATIVES

William Watson, 415 Western Union Bldg., Chicago, Ill.
J. E. Gambrill, 749 E. Church Street, Marion, Ohio
J. Q. Smythe, 3951 Broadway, Indianapolis, Ind.
F. E. Dorsey, 4015 Prospect Avenue, Kansas City, Mo.
Chas. A. Barnard, 415 Lewis Bldg., Portland, Ore.

"D P" SUPERIOR CUPS



—the High Capacity, High Speed Cup

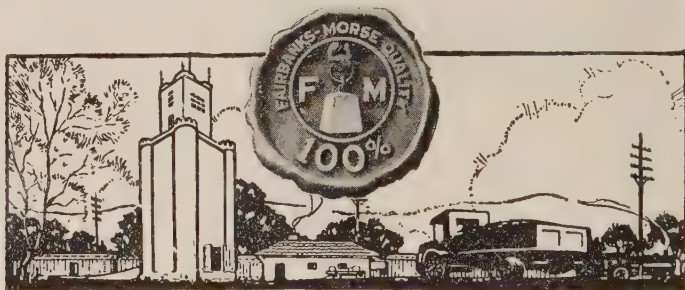
"D P" Superior elevator cups are not in the experimental stage; the actual performance of these cups is nothing short of remarkable. The combination of high speed, larger contents and reduced distance between cups results in a capacity four to five times that of ordinary cups of the same dimensions.

Results Obtained

Perfect discharge at indicated low or high speed.
A speed three times the ordinary.
Contents 25 to 40% more than ordinary cups.
Distance between cups reduced materially.
Higher speed, reducing size of equipment and eliminating gears,—reduction of power consumed and initial cost.

Responsible concerns can try this cup at our risk! Write us!

MOLINE **SUPERIOR**
MILL **MILL**
MANFG. CO. **MACHINERY**
MOLINE, ILLINOIS, U.S.A.



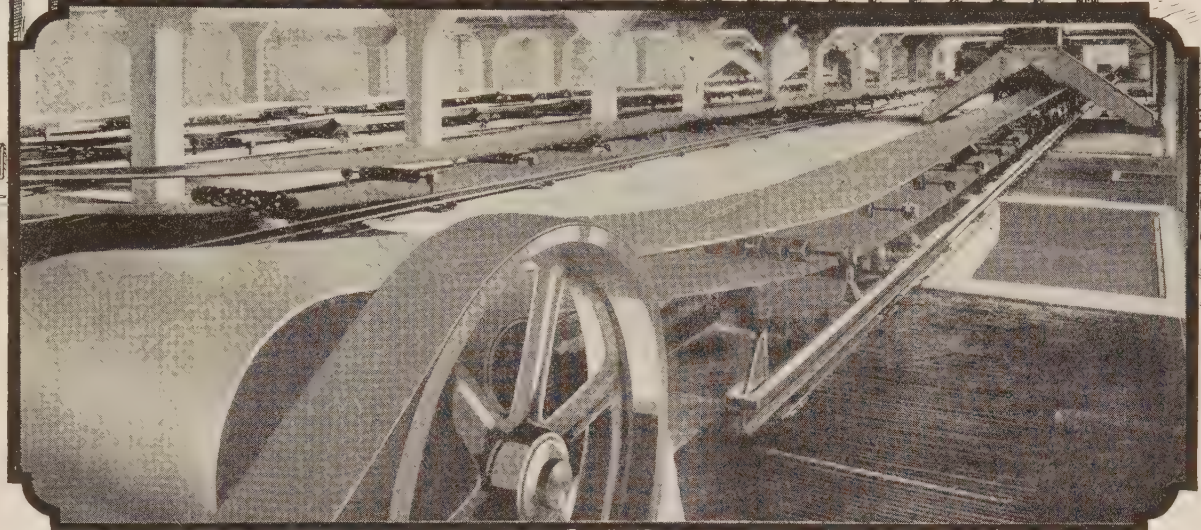
Fairbanks Type "P" Wagon and Auto Truck Scale

Now you need a scale that will weigh heavily loaded auto trucks with dependable accuracy. The Fairbanks Type "P" Wagon and Auto Truck Scale has suspended platform construction—means that weighing mechanism is not harmed by the pounding and jarring of trucks on the platform. Knife edges and bearings are kept in continuous contact—long life and fine accuracy are assured. Backed by nearly ninety years of scientific scale construction.

Fairbanks, Morse & Co.
MANUFACTURERS CHICAGO
Engines - Motors - Fairbanks Scales - Light Plants - Feed Grinders, etc.

GRAINSTER

ELEVATOR and CONVEYOR BELTS



40 Years Experience

in building belts for grain service has resulted in Grainster Conveyor Belts and Grainster Elevator Belts.

Five mechanical rubber factories have contributed their knowledge of grain elevator conditions to produce Grainster.

These factories built the first belts ever used to handle grain, and have since kept in touch with every new elevator condition.

Back of Grainster is the reputation of the oldest and largest rubber organization in the world. Take advantage of this Company's experience when in the market for grain belts.

United States Rubber Company

*The World's Largest and Most Experienced
Manufacturer of Mechanical Rubber Goods*



UNION SPECIAL Power Sewing Machines

1830 The first sewing machine, invented by Barthelmy Thimmonier, was used by the French in making uniforms for their armies. Those employed in the shops, thinking that the machine came to deprive them of their means for making a living, formed a mob, became furious and destroyed the machine.

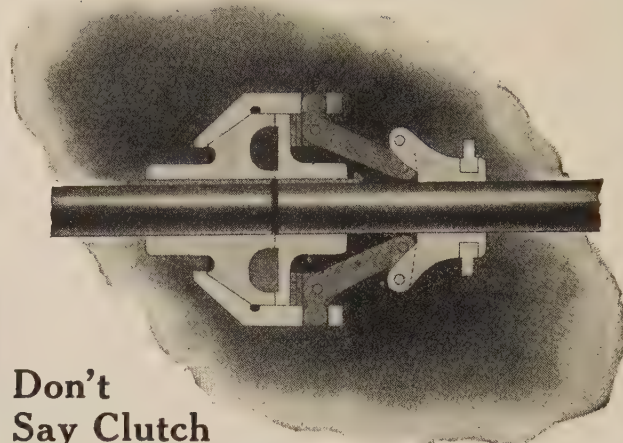
1846 Elias Howe patented the first sewing machine made in the United States. His invention included the perfection of a sewing machine needle, which is known as one of the most important steps in the evolution of the sewing machine.

1850 Barthelmy Thimmonier, after many unsuccessful attempts to prove to the natives of France the value of his machine, came to the United States and obtained a patent in 1850.

1881 The first Union Special sewing machine was invented by I. C. Muther, D. W. Corey and Russel Green Woodward in 1881. This company was then organized and has since then played an important part in bringing the sewing machine to its present efficiency.

1920 The sewing machine has become indispensable. It is a great factor in the clothing of humanity. And now Union Special Machines stand predominant.

UNION SPECIAL SEWING MACHINE CO.
CHICAGO, ILLINOIS



Don't
Say Clutch
Say **PEERLESS**

The PEERLESS Clutch a radically, differently constructed device for this purpose, was designed and proven to have more area of friction surface, less parts, simpler and perfect adjustment, greater stability and longer life. It is constructed entirely of metal of our own formulas and is so mechanically, perfectly assembled that proper lubrication reaches all friction surface. For high speeds and heavy duty we bronze line all friction surfaces in addition to the bronze bush sleeve, which is our standard equipment. The arrangement of links and levers is such that Clutch cannot be accidentally engaged or disengaged.

WRITE FOR DESCRIPTIVE CATALOGUE AND PRICES.

We carry a complete stock of Elevating, Conveying and Power Transmitting Machinery for Grain Elevators, Flour Mills, etc. We are also prepared to design complete Elevators and earnestly solicit your inquiries.

Essmuller Mill Furnishing Co.

1216-24 SOUTH 8th ST.

ST. LOUIS, MO.

WHAT DO YOU NEED?

to modernize your plant so it will minimize your labor and increase your profits? Is it here?

| | |
|---------------------|-----------------------------|
| Account Books | Gravity Cleaner |
| Attrition Mill | Herringbone Reduction Gears |
| Bag Closing Machine | Lightning Rods |
| Bags and Burlap | Manlift |
| Bearings { Ball | Moisture Testers |
| { Roller | Oat Elevators and Purifiers |
| Belting | Oat Clipper |
| Boots | Painting or Repairing |
| Buckets | Portable Elevator |
| Car Liners | Power { Gas Engine |
| Car Loader | { Kerosene Engine |
| Car Mover | { Motors |
| Car Puller | Power Shovel |
| Car Seals | Renewable Fuse |
| Cleaner | Rolls for Cracking Corn |
| Clover Huller | Sample Envelopes |
| Coal Conveyor | Scales |
| Conveying Machinery | Scarifying Machine |
| Distributor | Self Contained Flour Mill |
| Dockage Tester | Separator |
| Dump { Auto Truck | Sheller |
| { Wagon | Sieves |
| Dump Controller | Siding-Roofing { Asbestos |
| Dust Collector | { Steel |
| Elevator Leg | Silent Chain Drive |
| Elevator Paint | Spouting |
| Feed Mill | Storage Tanks |
| Fire Barrels | Testing Apparatus |
| Grain Driers | Transmission Machinery |
| Grain Tables | Transmission Rope |

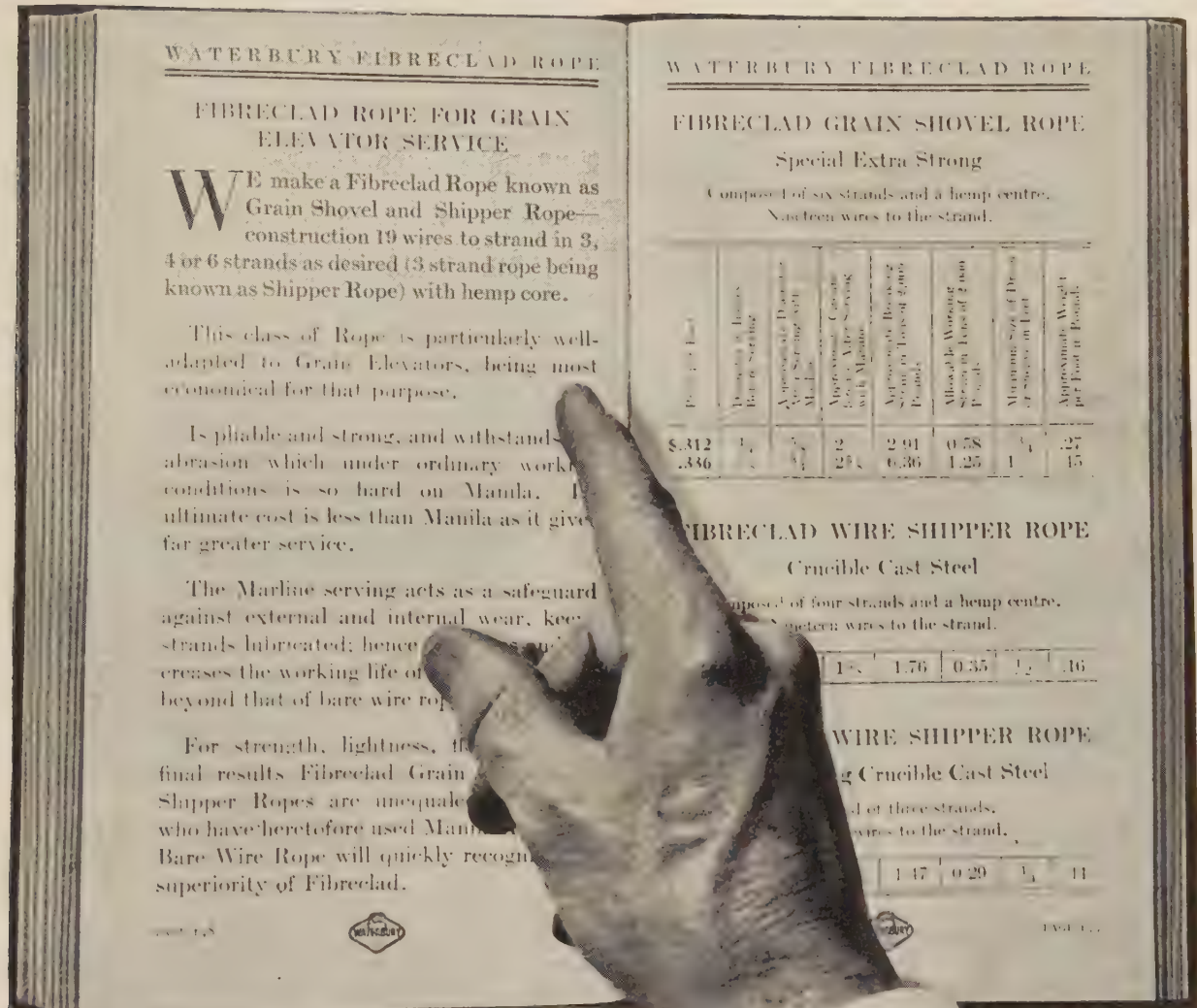
or anything used in a grain elevator.

Draw a line through the supplies wanted, and write us regarding your contemplated improvements or changes. We will place you in communication with reputable firms specializing in what you need, to the end that you will receive information regarding the latest and best.

INFORMATION BURO

Grain Dealers Journal, 305 So. La Salle St., Chicago

WATERBURY



Fibreclad

$\frac{1}{3}$ the diameter — $\frac{1}{2}$ the weight

of a Manila rope of the same strength, and actually costs less because it wears so much longer.

Smaller and lighter rope means cheaper sheaves and pulleys—while the marline serving* adds the weather and wear-resisting surface of Manila to the strength of wire and produces a durability greater than either Manila or bare wire rope.

Fibreclad is not only kept from rusting by the tarred marline serving of each strand, but the fibre covering also retains the internal lubrication which lengthens the life of the wire strands. Fibreclad is made exclusively by the

WATERBURY COMPANY

63 PARK ROW, NEW YORK

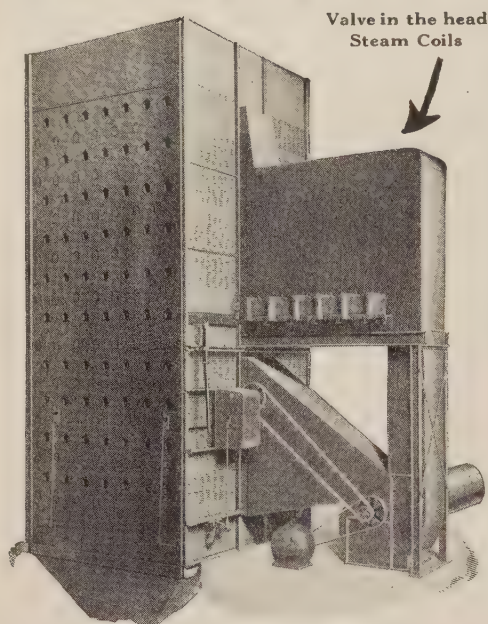
Chicago.....1315-1321 West Congress St.
San Francisco.....151-161 Main St.

New Orleans.....1018 Maison Blanche Bldg.
Dallas, Texas.....A. T. Powell & Co.

*The Waterbury Rope Handbook describes this remarkable rope in detail—and tells everything else you need to know about rope of all kinds. A copy is yours for the asking. 2349-W

WATERBURY

MORRIS GRAIN DRIERS



"MORRIS DRIED SAME AS SUN DRIED"

**BE PREPARED
BUY AN AUTOMATIC MORRIS**

You will use it every year.

AUTOMATIC and SELF CONTAINED

Requiring no special Building Construction. The Automatic feature eliminates an attendant. This is the simplest, most positive and uniform drier made. Write for detailed information and you will BUY A MORRIS if you buy a Drier.

**We Also Offer a Complete Line of
Direct Heat Driers**

THE STRONG-SCOTT MFG. COMPANY

"Everything for Every Mill and Elevator"

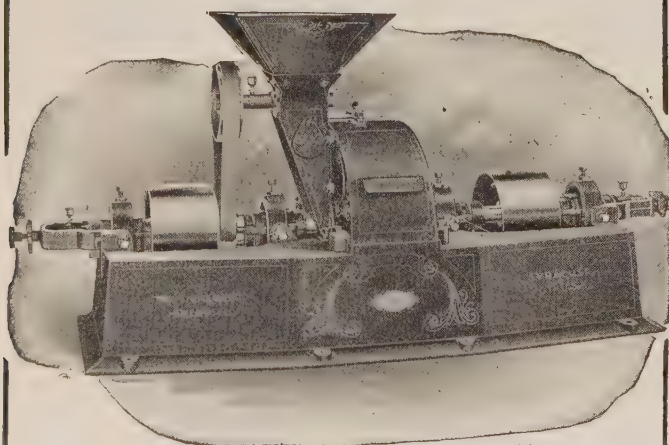
GREAT FALLS

SPOKANE

MINNEAPOLIS

WINNIPEG

**You Cannot Judge
A Mill by the
Advertised Description**



If you are interested to know why our "HALSTEAD" has larger capacity; does better work with less power, at about one-half upkeep expense, and original cost of Mill from 40% to 60% less than other makes, write us for catalogue.

THE ENGELBERG HULLER CO.

831 W. Fayette Street

SYRACUSE, N. Y.

TRACTORS—IMPLEMENTS

IF you sell these lines you should have the leading and oldest paper in this field, established 1882.

To subscribers we furnish a valuable service for locating and handling repair parts.

Paper is published weekly at \$2 for 52 issues.

Write on your letter head for free sample and repair information.

FARM IMPLEMENT NEWS
THE TRACTOR AND TRUCK REVIEW

157 N. STATE ST.

CHICAGO

OUTLINE OF HY-TEMP CONVEYOR BELT STANDARD PORTLAND CEMENT CO. LEEDS, ALA.

Specified **GOODYEAR HY-TEMP
CONVEYOR BELT 16" 5 PLY.**

TOTAL LENGTH 72' 2"
HEAD PULLEY 20"×18" TAIL PULLEY 16"×18"
6" TROUGHING IDLERS UNEQUALLY SPACED
TOP COVER 1/8" PULLEY SIDE 1/16"
CRESCENT FASTENERS USED
F.P.M. 196.3 T.P.H. 60 TEMP 200° UP
MATERIAL DELIVERED 30' FROM TAIL
POWER DELIVERED AT HEAD PULLEY
LUMPS VARY IN SIZE FROM 1/4" to 5"
ANGLE OF INCLINATION 12°

Copyright 1920, by The Goodyear Tire & Rubber Co.

Hot Clinker, a Conveyor—and the G.T.M.

Hot cement clinkers, 200° and over, to be carried from open storage to the grinding mills, were the crux of the conveying problem put up by the plant superintendent to the G. T. M.

The G. T. M.—Goodyear Technical Man—gave that situation expert study embracing every process in cement manufacture at the plant of the Standard Portland Cement Co., Leeds, Ala. He realized that here was an unusual problem. The clinker could not be cooled sufficiently in the processes previous to conveying. The best thing to do would be to provide some means of cooling it as it came onto the belt.

So he made two recommendations: a heat-resistant Goodyear Hy-Temp Conveyor Belt, known to be capable of withstanding as much as 200°; and a cooling vat through which the belt might run as it struck the tail pulley and come up dripping with a film of cold water that would cool the clinker dropping from the hopper.

Up to September 1, 1919—after six months of operation—this Goodyear Hy-Temp Conveyor had carried 61,000 tons of clinker. The Standard Portland Cement Co., credits a saving of \$300 in

belt cost alone to this Goodyear Conveyor. Besides, it has effected a high operating economy. A letter from them states that the Company is "so pleased with its performance that we have ordered a duplicate for replacement, although from present appearances this belt will continue to give good service for some time."

Wherever heats up to 200° are registered on conveying jobs, in mines, in coking plants, in cement factories, Goodyear Hy-Temp Conveyor's special construction sets up new records in heat-resistance, ability to withstand abrasion, and quantity of tonnage delivered.

Working with your own plant superintendent, the G. T. M. can make an analysis that assures intelligent specification of the belt to the duty required. The G. T. M.'s services are yours without charge or obligation. If his suggestions and the Goodyear Belt he recommends prove as valuable in your service as in this and hundreds of similar cases the country over, our return will be guaranteed by your satisfaction.

THE GOODYEAR TIRE & RUBBER COMPANY
Offices Throughout the World

BELTING · PACKING HOSE · VALVES
GOODYEAR

**NOW Is The Time to
Make Sure of Your
Season's Supply Of**

Ankorite
STEEL FENCE POSTS

The tremendous demand for Ankorite Steel Drive Posts from our established dealers makes it impossible for us to promise immediate shipment on new orders. We are doing our utmost to meet the situation, but even our tremendous facilities are being severely taxed.

But you still have time to get a supply of Ankorite Posts for the best part of the selling season.—IF YOU WILL LET US KNOW YOUR REQUIREMENTS AT ONCE.

The fencing season is almost at hand. Farmers want Ankorite Steel Drive Posts, and they want to buy them from you if you have them in stock. But

they can't afford to wait—if you can't supply them with Ankorites they'll seek them elsewhere or look for a substitute.

We have a tremendously effective sales plan that is helping Ankorite dealers sell posts as they never sold them before. Write for 24-page Prospectus and details of exclusive sales proposition.

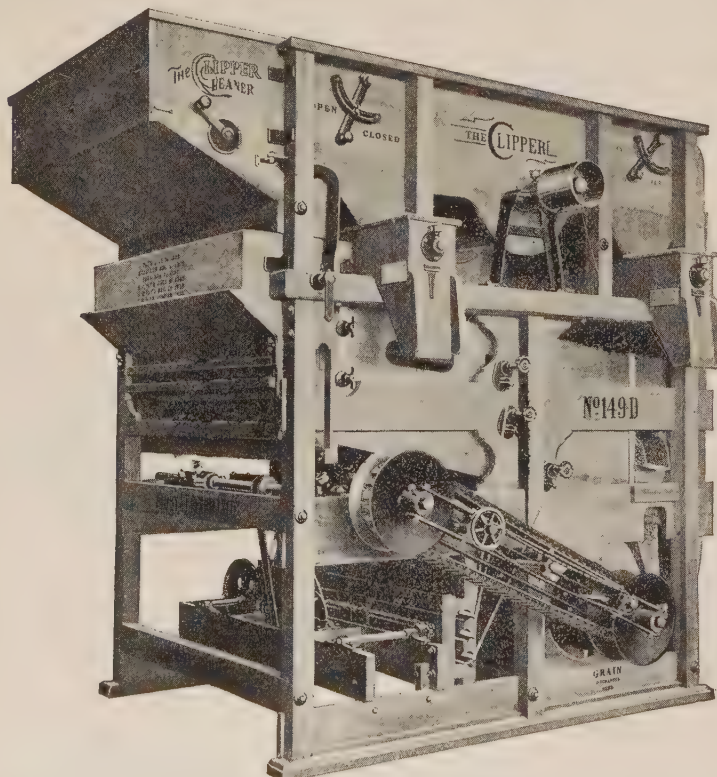
But above all—GET THE POSTS!

To Ankorite Dealers: If the supply of posts which you have ordered is not sufficient to meet your entire season's demand, by all means place your order at once for your additional requirements, so you may be absolutely sure of having the posts when you need them. This is merely for your protection and to avoid the possibility of disappointment on belated orders.

Two Sturdy Ankorite Types—Angle Post and "T" Post. Be Sure to State Which Type Is Wanted.

Calumet Steel Co., 208 S. La Salle St., Dept. 9, Chicago

The "CLIPPER" DOUBLE SUCTION GRAIN CLEANER



No other machine has as many wonderful TIME SAVING and LABOR SAVING devices as the Clipper Cleaners. Skilled labor is daily becoming more difficult to secure. Every move, every minute saved will enable you the more easily to take care of your business.

The Variable Air Regulator enables you to secure any desired degree of air blast without any annoying changes of pulleys or shifting of belts. A simple turn of the wheel does the trick.

Our Double Screen System permits the oats screen and the wheat screen to be left constantly in the shoe. The grain is shifted by means of a gate onto the screen it is desired to use.

Our Traveling Brush System keeps the screens from clogging and the machine working at its highest efficiency ALL THE TIME.

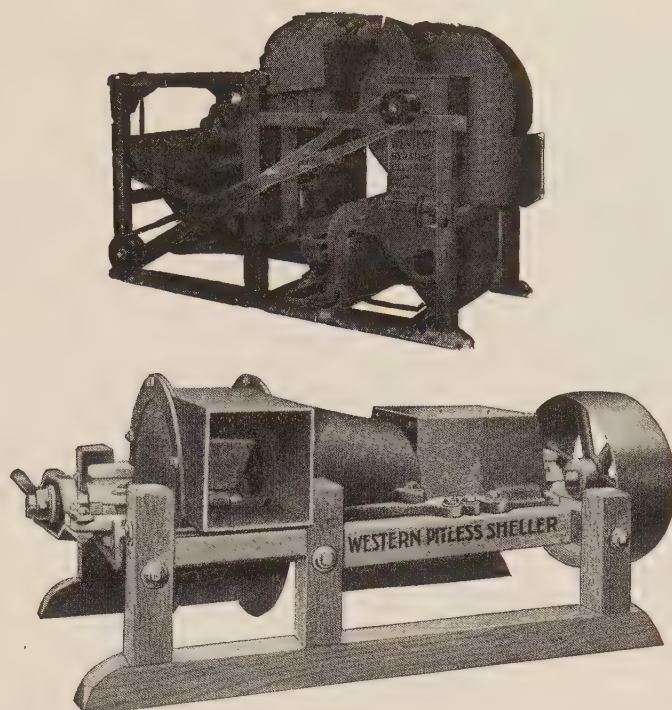
Ball Bearings on Exhaust Fans reduce friction, eliminate hot bearings and save power.

The yearly balance sheet of the user of Clipper Cleaners shows that it pays to have the best that can be procured in the line of grain or seed cleaning machinery.

Write for catalog

A. T. FERRELL & CO.

Saginaw, W. S., Mich.

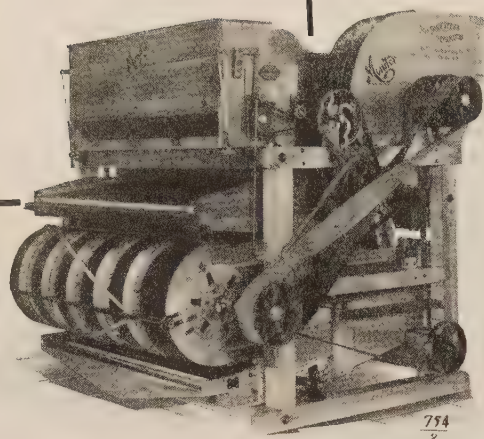


ELEVATOR MACHINERY

The "Western Line" comprises everything needed to make an Elevator efficient and successful. We manufacture all necessary equipment, and anticipate fully the requirements of the trade. If your plant is fitted with "Western" machinery there is little fear of difficulty, but whenever things go wrong this is the house to supply you. We employ a large force of expert engineers and have spent a lifetime studying the needs of Elevator requirements. All our facilities are at your disposal.

Forty years of continuous service and satisfaction have given the "Western" line a reputation for reliability and performance that to us is as good as a copyright. Whenever equipment is wanted in a hurry we are at our best, and if you've the slightest idea of remodeling or repairing, get in touch with us at once. You should have our new catalog for quick references, and always think "Western" when in need of any elevator equipment.

UNION IRON WORKS, Decatur, Ill.



Can You Afford to Do Without a Competent

Wheat and Oat Separator?

**Wheat Free from Oats--
Oats Free from Wheat--
THEY GRADE--**

MIXED--You welcome any offer and sacrifice much profit.

NORTHWESTERN—with its gang sieves—its suction and blast fans—its cut off and return elevator.

Produces more real profit per bushel of grain handled than any other machine offered for a like separation.

Canadian Plant
HUNTLEY MFG. CO., Ltd.
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HUNTLEY MFG. CO.

SILVER CREEK, N. Y.

OUR MOTTO for over twenty-five years has been **SAFETY FIRST**. During these years we have equipped thousands of elevators with dust collecting systems to

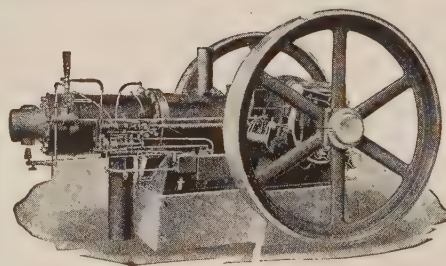


prevent explosions, and no dust explosion or loss of a single life has occurred in one of them.

Your liability attaches if you don't protect your elevator and workers.

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THE DAY COMPANY
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Real Power—

the kind that you can depend upon at all times is the kind of power you want. And you want this kind of power as cheap as you can get it. The MUNCIE OIL Engine for many years has been giving satisfactory service in hundreds of country elevators. It should be in yours. Here are a few

Reasons Why

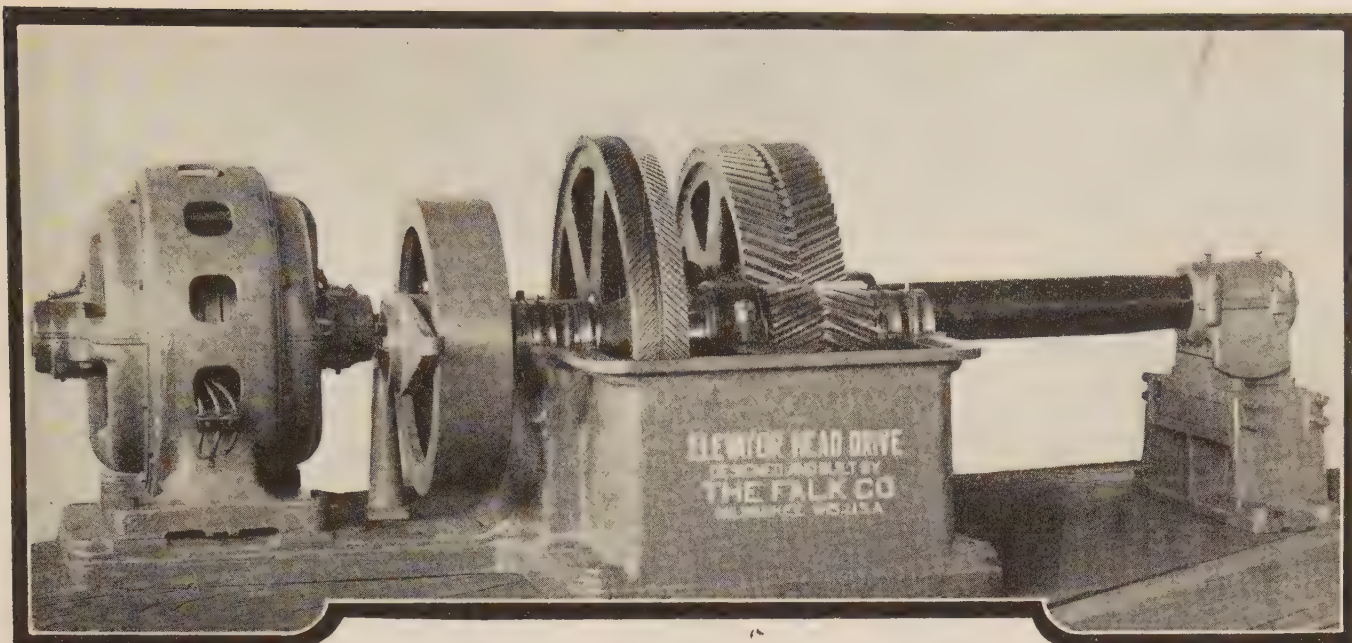
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| Lower Fuel Cost | Steadier Power |
| Closer Regulation | Greater Reliability |
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MUNCIE OIL ENGINE CO.

518 JACKSON STREET

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Ready for the World's Most Modern Elevator

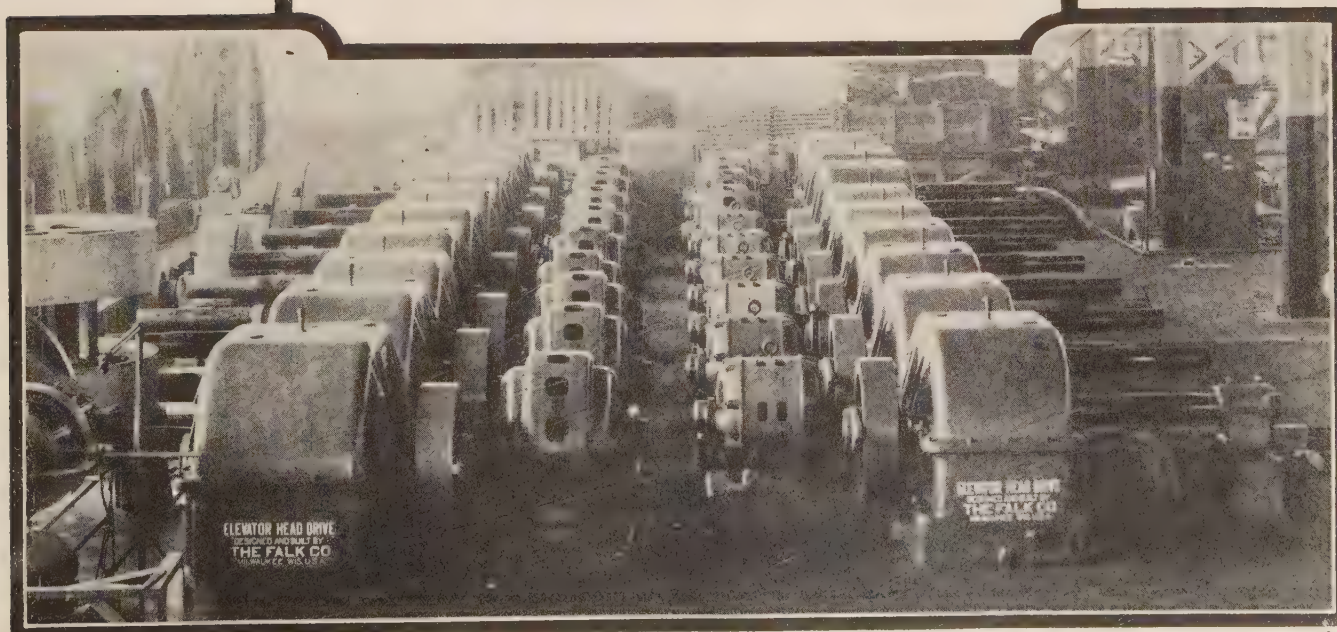
The Northern Central Elevator of 5,000,000 bus. capacity now being built by the James Stewart & Co., at Canton, Baltimore, Md., is designed to be the most efficient Grain handling plant ever built.

Elevator legs will be equipped with 100 and 150 h. p. motors having a speed of about 800 R.P.M. In order to reduce this speed to about 30 R.P.M., the speed of the head pulley, The Falk Co. designed herringbone reduction gears for all 19 legs.

Owing to the high efficiency and the saving in power consumption in these gears being so highly satisfactory, the James Stewart Co. have decided to use them on all drives requiring the necessary speed reduction.

THE FALK CO.

Milwaukee, Wisconsin

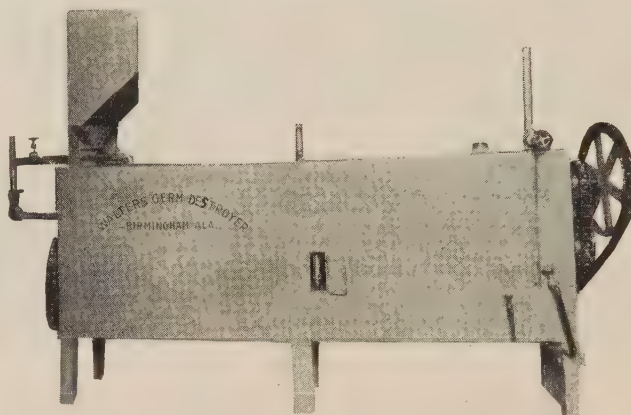


—for Destroying Weevil

A machine for which the grain trade has been waiting, one that kills the weevil and germ without increasing fire hazard

CONSTRUCTION

The construction of the machine is steel and sheet iron thruout. The grain is fed from a hopper above and passes thru three conveyor housings and out the lower right hand end. The plant is motor-driven and steam is used to secure the heat for making the process. It stands 5 ft. 2 inches from floor to top, and 11 ft. 6 inches in length.



OPERATION

The operation consists of three motor-driven screw conveyors which are fed from hopper in upper left hand corner. A breath of steam is allowed to come in contact with the grain as it enters the first conveyor housing. The temperature, regulated to suit, from 155° to 160° does the work of killing the weevil and germs. Little motor power is required to run the machine and a 45-lb. steam boiler is sufficient to supply the heat required.

MANUFACTURED BY

James Walters' Germ Destroyer Co.

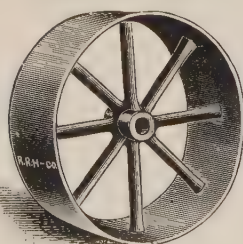
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BIRMINGHAM, ALABAMA

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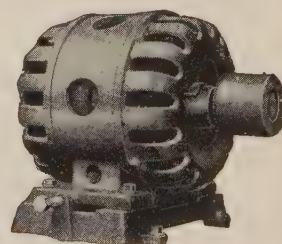
Do not wait until the last minute to order new equipment or supplies. Quick shipments will be almost impossible later in the season. Better go over your elevator now, find out what you will need to put it in first-class shape, and order early. Our complete stock of high grade Elevator and Mill Equipment is a convenient source of supply for whatever you need in this line, and our prices will save you money.



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Elevator Buckets
Grain Spouts
Boots and Heads
Man Lifts
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Electric Motors

Spiral Conveyors
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Car Movers
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Our big 1920 Catalog and manufacturers' discount sheet is just off the press. Write for your copy today.

R. R. HOWELL & CO.

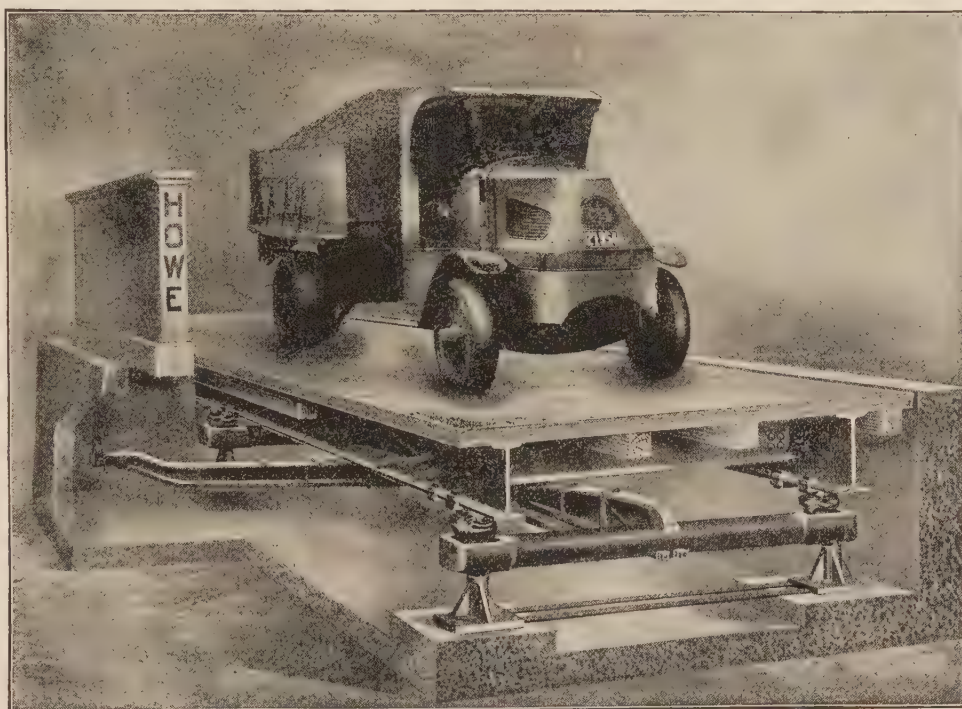
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Howe Auto Truck Scales with Ball Bearing Platform

The large increase in the use of Auto Trucks throughout the country has created an enormous demand for Auto truck scales.

If you *buy and sell by weight* you want the best weighing device made. The HOWE will answer this description. The 1920 demand will be greater than the supply. *Get your order in early.*

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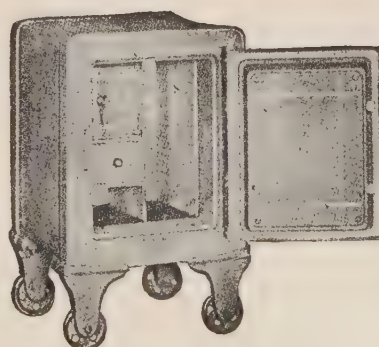
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Spiral Conveyor

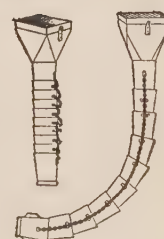


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Fire Proof Safes

Flexible
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Spouts



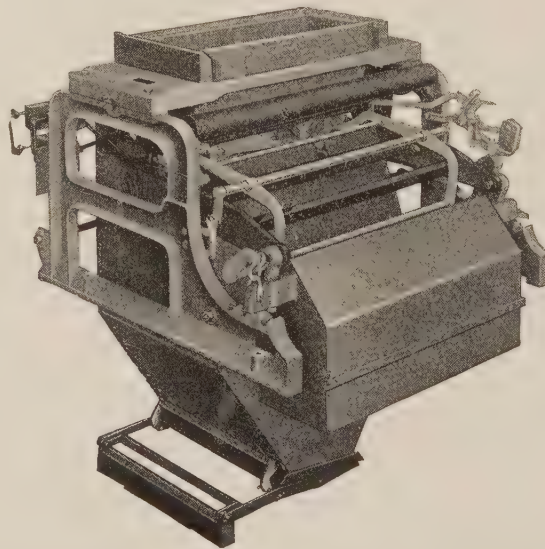
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We carry large stocks of Pulleys, Belting, Sprockets, Transmission Rope, etc., for prompt shipment. When in need write us.

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It is the only FULL AUTOMATIC SCALE. (Not semi-automatic).
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It is the only AUTOMATIC SCALE that will handle free running grains ranging from 20 to 60 pounds to the bushel without a change of adjustment.
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THERE ARE MORE RICHARDSON AUTOMATIC SCALES IN USE THAN ALL OTHER AUTOMATIC SCALES COMBINED. A GREATER VALUE IN RICHARDSON AUTOMATIC SCALES IS PRODUCED EACH YEAR THAN IS PRODUCED BY ALL OTHER AUTOMATICS IN FIVE YEARS

**New Richardson Self Operating Scales can be
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209 S. State St.

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In selecting the belt that will deliver consistent performance over the longest periods, you must set a standard for comparison. That's simple!

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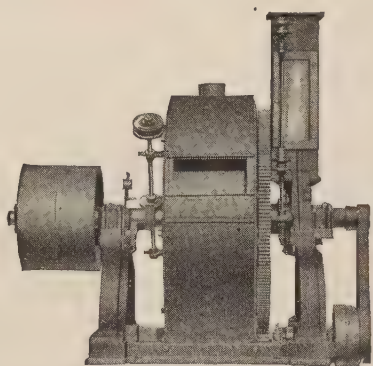
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DOUBLE — STITCHED
CONVEYOR and ELEVATOR
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Makes good **because** it's made good.

IMPERIAL BELTING COMPANY

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Branches, New York, Pittsburg, Detroit, Salt Lake City



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Triumph Pearlars are being used by this country's largest producers of pearled grain. They are automatic in every respect and produce a product which cannot be beaten.

We'll be glad to supply full information to those who desire it.

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DOCKAGE TESTER

Adopted by
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Present conditions demand accuracy in testing grain—your profits depend upon your tester. Don't take chances with experiments or guess.

THE EMERSON

is no experiment. It is and officials who must times and under all

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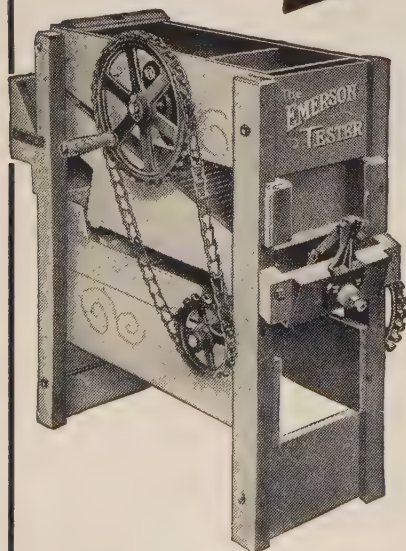
used by all grain men have accuracy at all conditions.

10,000 KICKERS

are now in use—the Government uses over 100—Line, Independent and Farmers Elevators all over find the Emerson dependable and a sure enough arbiter between seller and buyer on any dockage dispute.

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80% Of All Fires

originating in the interior of an elevator start in the elevator leg. This startling fact, made known by the mutual companies after long investigation, proves

the disastrous risks taken by elevator owners who install wooden elevator legs. It also proves the efficacy of

STEEL Elevator Legs

which reduce to the lowest possible minimum all danger of fire in the elevator leg. Elevator owners will find it to their advantage to install steel elevator legs. The cost of elevator construction is so high and the present urgent need of grain storage is so great that they cannot afford

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There is a steel elevator leg designed especially for your elevator. Ask us for more information about it.

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HOW MANY TRIPS

to the top of your elevator do you make in the course of a year? Make an estimate, and then figure the amount of time and energy you are wasting if your house is not fitted with an easily and cheaply operated manlift.

The CONSTANT SAFETY MANLIFT

will eliminate this waste—and it will make the elevator and the elevator operator more efficient in every way. It is the easiest and cheapest operated manlift on the market, and the safest as well. The sheave over which the rope operates is fitted with ball bearings; the brakes are adjustable and positive in their action, and they work independently of each other. All material is carefully selected for the work it is to perform.

A manlift reduces the insurance rate.

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B. S. CONSTANT MFG. CO.

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SIMPLE - RELIABLE - PRACTICAL
(SPENCER PATENTS FEB. 1919)

The time has arrived when a dump that will unload auto trucks is a necessity in every elevator.

A dump that will accommodate wagons and sleds as well as auto trucks, and fit any make or size of scale, is a distinct advantage—The Globe Auto Truck will do all this and do it easily and efficiently, *without danger of accident*. The platform is “a-dump-within-a-dump”—the forward and outside section dumping auto trucks, the rear or inside section dumping wagons. The tilting power cylinder can be instantly shifted to engage the socket bearing of either section it is desired to raise.

This dump is operated entirely by compressed air—no gears, chains or complicated machinery to get out of fix. The storage tank may be placed anywhere inside or outside of the elevator. The compressor can be located adjacent to any drive shaft in elevator—connections are easily made, no matter where these are located. Nothing to get out of order—easy to install—positive in operation.

Zehnpfennig & Doering

Parkston, S. D., Sept. 25th.
Globe Machinery & Supply Co.,
Des Moines, Iowa.

Gentlemen: Have your letter asking us how we like our Combination Auto Truck and Wagon Dump. To make it short will say it's a dandy, and we would not think of operating our elevator without it. It's a world beater. Have used it three months now, and are surely pleased.

Yours truly,
ZEHNPFENNIG & WUDEL.

Farmers Elevator Company

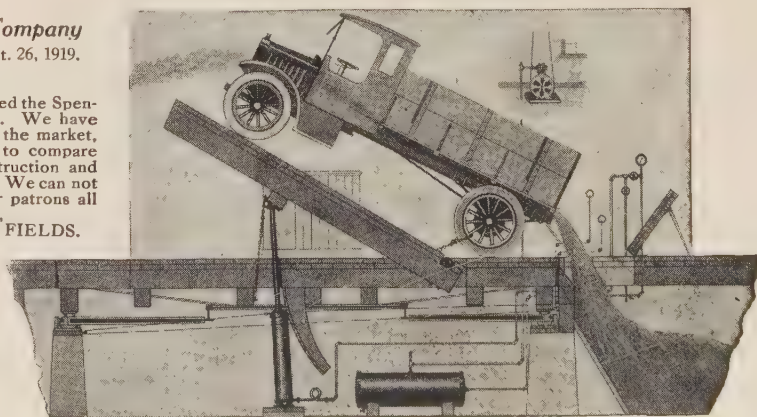
Letcher, S. D., Sept. 26, 1919.
Globe Machinery Co.,
Des Moines, Iowa.

Gentlemen: We have used the Spencer Dump for a month now. We have investigated all dumps on the market, and believe there is none to compare with it in simplicity of construction and effectiveness of operation. We can not find any fault with it. Our patrons all like it too.

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The Only Non-poisonous Rat and Mouse Exterminator in the World
Millions are using it in all civilized countries. Fully guaranteed.
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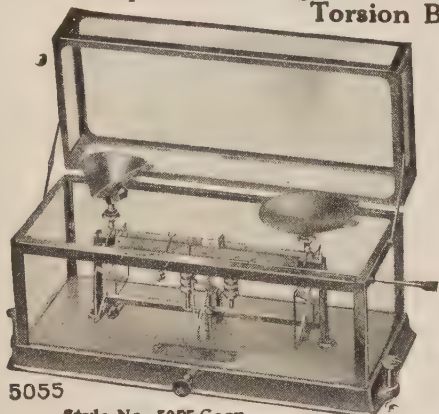
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Acidity Determination and Fine Weighings.



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We illustrate above in our Corn and Seed Testing Pamphlet. Copies free upon request.

WE SELL ANALYTICAL BALANCES

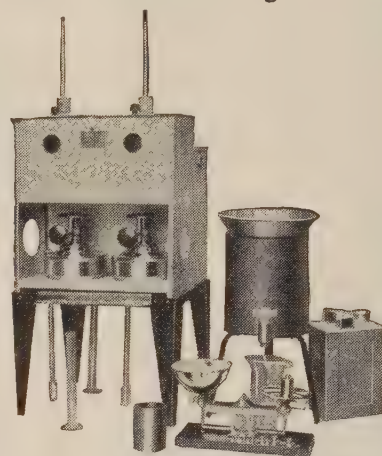
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The book contains 100 double pages.
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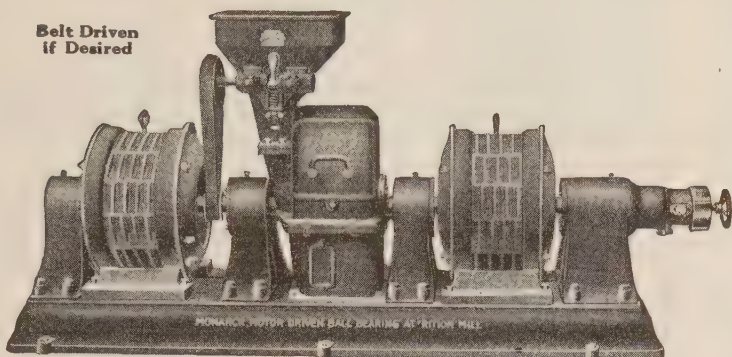
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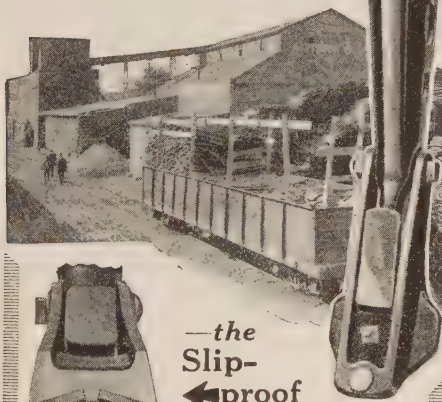
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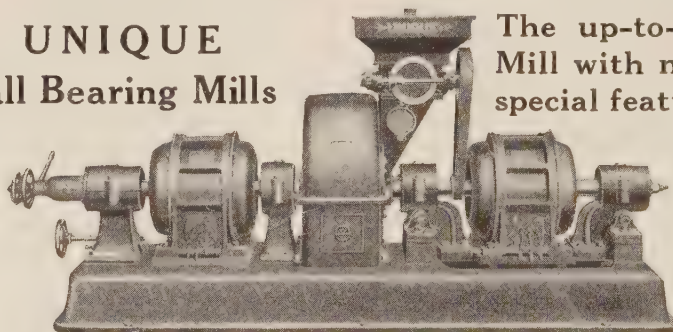
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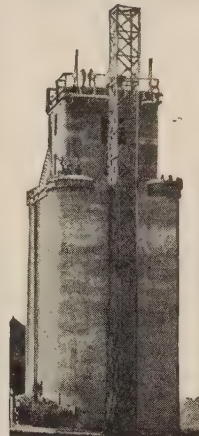
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We can furnish and install equipment in old or new
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**To BUY or SELL
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build fireproof!

if you want an up-to-date,
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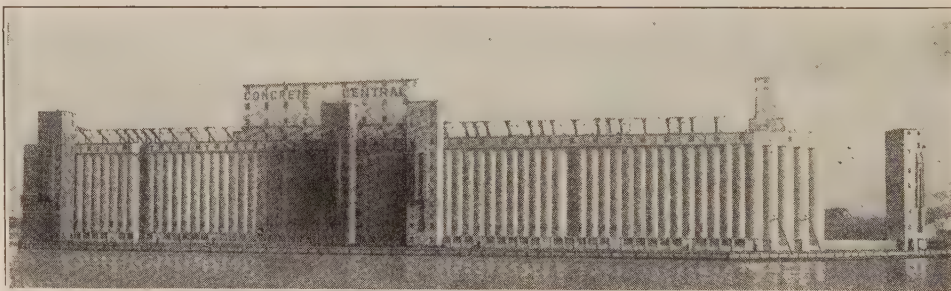
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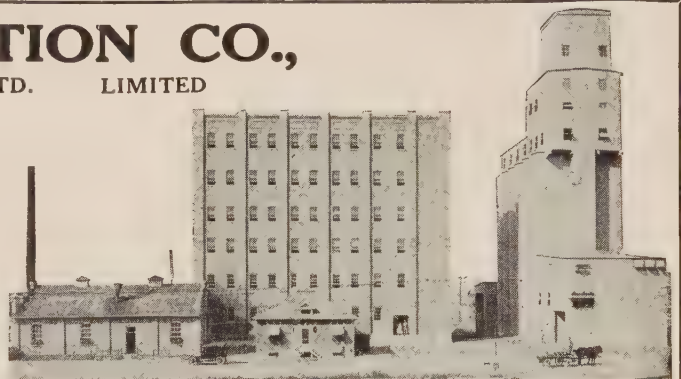
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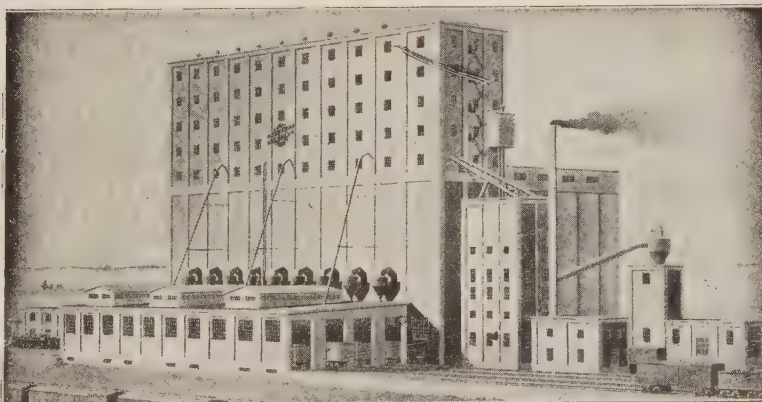
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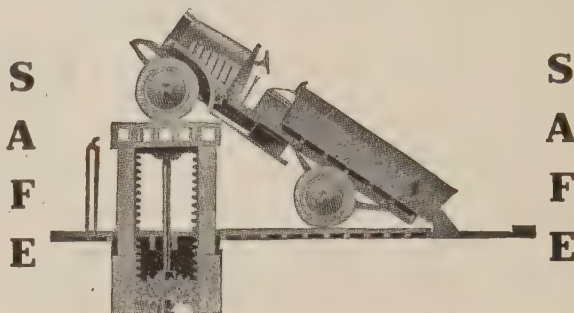
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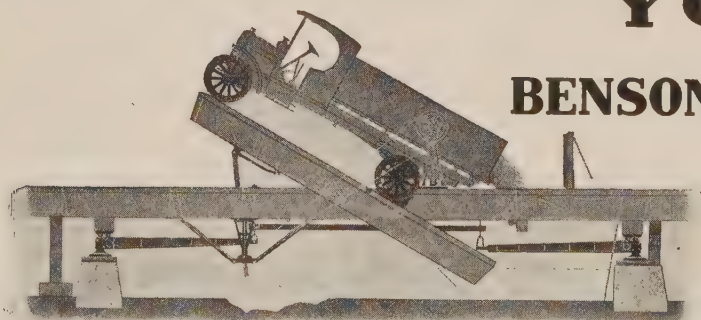
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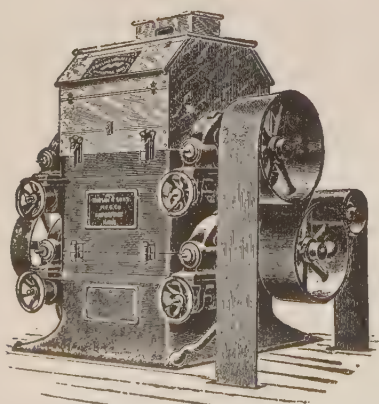
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The elevator owner who installs a feed mill in his elevator puts himself in line for more profits. No other sideline is as profitable. Your farmer patrons must have feed for stock. Are you going to let them go to your competitor? Drop us a line asking for further particulars regarding a feed mill for your elevator.

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Grain Receiving LEDGER

A book designed for use by Grain Buyers who keep individual accounts with farmer patrons. Is ruled for facts regarding wagon loads received. Its column headings being: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks.

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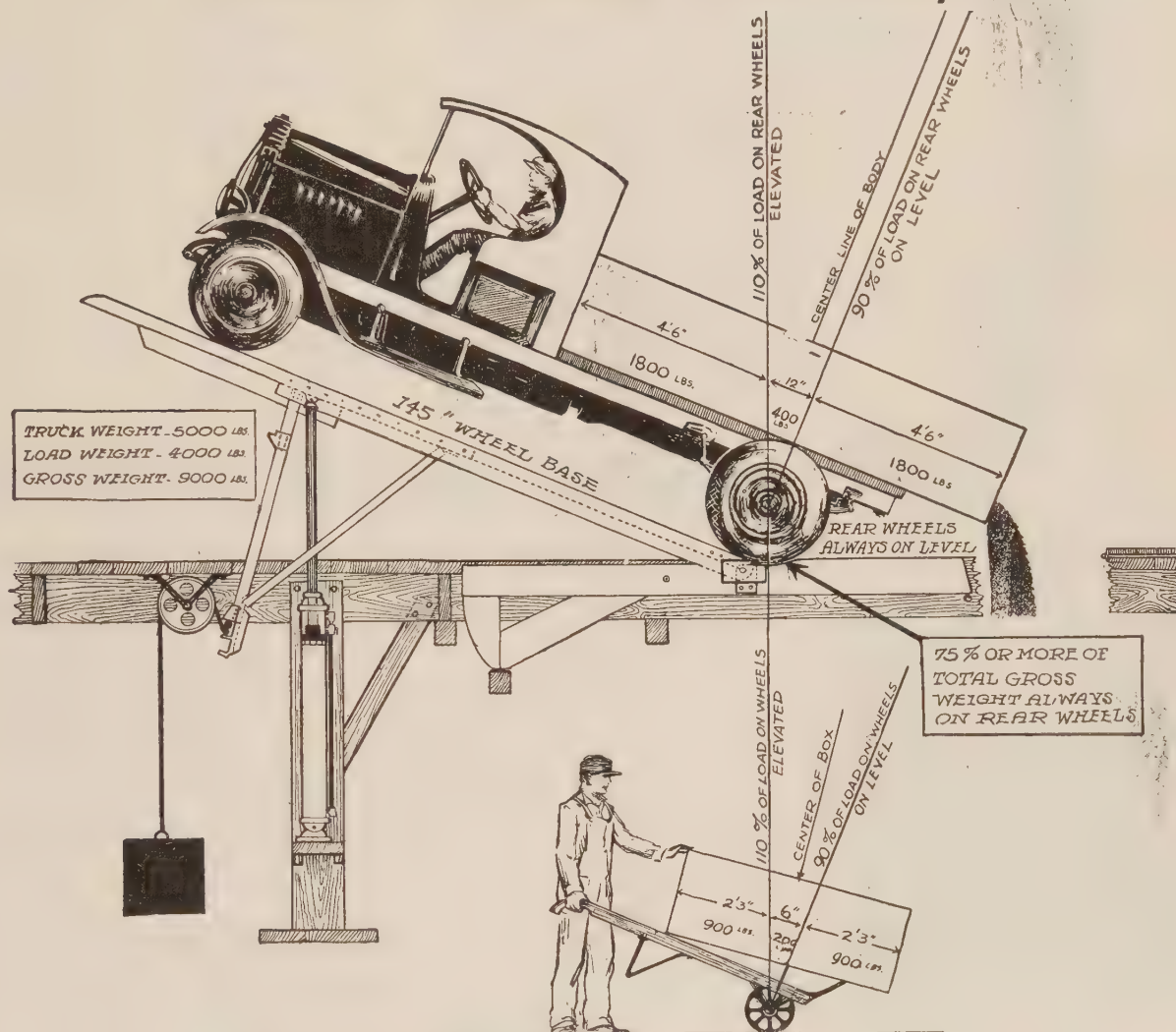
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No Power Expense

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Information of Value to Elevator Owners will be Mailed Free on Request — Write To-day

A Hole--You Must Buy a New One Unless IT'S A KEWANEE Renewable Bottom Loading Spout



You threw away your last loading spout and bought another because it had holes in it--holes on the bottom side where the grain strikes.

With a Kewanee Renewable Bottom Loading Spout you can replace the worn bottom plate for a few cents and the spout is as good as new. The Kewanee spout sections will out-wear a dozen new bottoms or a dozen new spouts of the ordinary kind, yet its cost is about the same.

Give us the size of your down-spout and the length of your loading spout and we will show you how to save. A rough sketch will help. It will cost you nothing. Send it in today.

You can see how much it will save

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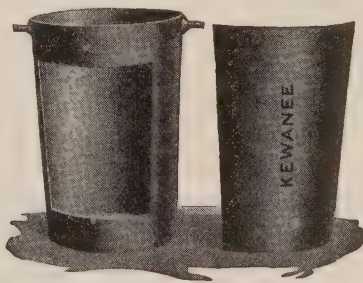
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Spout Section
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Automatic Dump Controllers!

You have never seen me?

Do not ever let yourself hear you say that, because there are very few modern elevators without me. WHY? Because they need service. Anything that is not serviceable in this day and age is soon discarded. But when you know me--I'm always at your service. I increase your business because of the easy manner in which I handle your dump. The Farmer likes me because I don't let the dump down jerky, and frighten his horses. I'm your friend. When you get tired of the old dumping device and are looking around for something 100% efficient, you'll find a friend in need is a friend indeed.



But don't wait too long.

Procrastination is the thief of time.

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*Prevent Leakages
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**Used by Thousands of
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MADE BY

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SHELBYVILLE, INDIANA

"Good Bye Scoop"

"We loaded 1,800 bu. of corn an hour the day before Thanksgiving. We never have to get in a dirty, dusty car to scoop grain." Kenney Elevator Co., Kenney, Ill.

"Your Boss Air Blast Loader is giving the best of service." G. N. Falknor & Son, West Milton, O.

"We would not think of going back to gravity." J. L. Baum & Son, Storms, O.

"You may ship us one of your Air-Blast loaders. We have investigated this thing pretty thoroughly. At Strawns Crossing we saw one in operation and it certainly was doing the work." Central Illinois Grain Co., Ashland, Ill. They have since bought EIGHT for eight of their elevators.

Load Even Ear Corn Without Scooping

We have Portable and Stationary outfits for loading even EAR corn as well as loose grain into railroad cars without scooping. Our Boss Crib Filler fills cribs with EAR corn by air. Compact, low down and shedded as easily as a binder. Quickly set up.



Write today for our new catalog "GOOD BYE SCOOP."

MAROA MANUFACTURING CO., Dept. G., Maroa, Ill.

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GRINDERS**

IT PAYS to GRIND ALL GRAINS

Look to the Grinders. They do the work! Bowsher's Cone-Shape grinders are the correct principle in Feed Mill construction. They mean larger grinding surface close to center of Shaft; thus More Capacity, Lighter Draft, Longer Life.

"Desire to express my appreciation of the long-lasting, trouble-proof Bowsher. Have used a No. 4 ten years with less than One Dollar per year for repairs." E. W. Watt, Jacobburg, O.

10 sizes; 2 to 25 H. P. Write for free catalogue.

N. P. BOWSHER CO., SOUTH BEND, IND.

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Bearing shipper's name and consecutive numbers.

Prevent
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10,000 SHIPPERS
Are now using them.

Write for samples
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Cover's Dust Protector

Rubber Protector, \$2.00

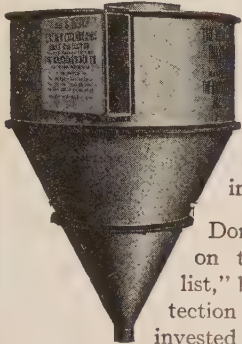
Sent postpaid on receipt price; or on trial to responsible parties. Has automatic valve and fine sponge.

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A Tester Wants a Job
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"DO AWAY WITH DUST"
IT'S TIME THAT YOU LIS-
TENED TO REASON—



The hundreds
of thousands
of dollars lost
through dust
explosions
would equip
every elevator
in the country.

Don't be the next
on the "Blow up
list," but for the pro-
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invested in your busi-
ness investigate our product.

The New "1905" Cyclone Dust Collector

THE FACTS ARE MIGHTY
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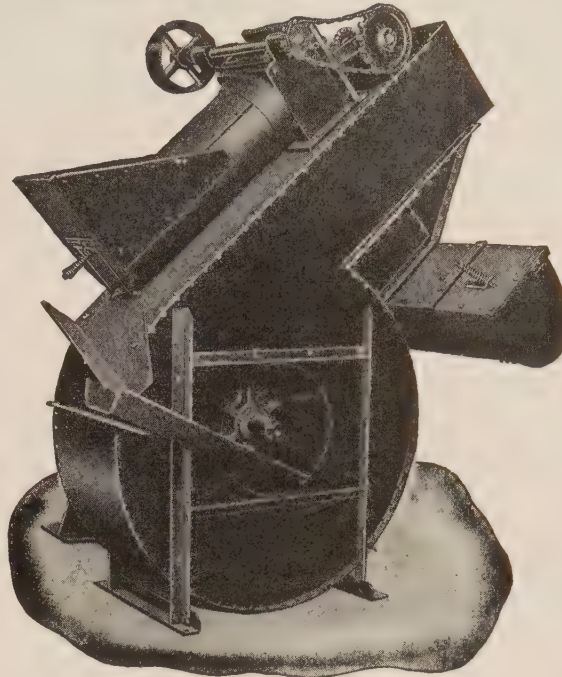
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Made by long grinding in improved
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Made for over fifty years in FIRST
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ESTABLISHED 1827

The paper the Grain Dealer
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GRAIN DEALERS JOURNAL

A better way **GRAIN** is the
to handle Bernert Way



WHY?

Because the Bernert
way will save you
money and make you
money. With the
Bernert Pneumatic
Grain Handling Ma-
chines, whatever
your grain handling
problem today, **will**
be no problem at all.
The Bernert Pneu-
matic Machines han-
dle all **grain ahead** of
the fan; that's why
there positively will
be **no grain damaged.**

They are positively **NON-CHOKABLE**; that's why you will not have any
trouble. They will at the same time they handle the grain, **MAKE BET-
TER GRAIN.** Let us tell you **WHY.**

Simplicity of installation and efficiency in operation, handling any prob-
lem, is for what the Bernert Pneumatic Elevators, Combined Elevators
and Loaders, Conveyors, Portable Track-loaders, Car-loaders, etc., stand.

For further information, write for catalog to the

Bernert Mfg. Co.

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CLEAN AND LOAD IN ONE OPERATION

Now that grain is commanding such a high price and there is and will
be such a demand for it, it behooves you to load it properly, this means
that you should use a Car Loader that cleans and loads at the same
time. We guarantee this for

The

Combined Grain Cleaner
and

Pneumatic Car Loader



It does not mill
or crack the
grain; fills cars
to full capacity;
strong, durable,
requires no at-
tention after
starting. Cools
and dries the
grain as it
passes through
the air.

Used by hundreds of elevator owners. List of users will be sent you on
request.

Write for list and circulars

MATTOON GRAIN CONVEYOR CO., Mattoon, Ill.

*In everything pertaining to the grain and elevator interests
this Journal tops the list, and we're in a position to connect
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The rate for advertisements in this department is 25 cents per type line each insertion

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30,000 BU. ELEVATOR for sale, complete with machinery and additional warehouses. Address Coleman State Bank, Coleman, Wisc.

25,000 BU. CRIBBED elevator in N. D. on Great Northern R. R. with Coal and Flour and Feed business for sale. Address: Chance, Box 9, Grain Dealers Journal, Chicago.

WE SPECIALIZE in the sale of Grain Elevators in Kansas, Oklahoma, Texas and Western Missouri. Let us know what you want.
STRONG TRADING CO.,
Wichita, Kansas.

NEW 18,000 BU. elevator for sale. Well equipped with machinery, in A-1 condition. In good wheat, oats and corn belt. Doing good business. Good reason for selling. Address: Ketchum Elevator Co., Ketchum, Okla.

GRAIN ELEVATOR for sale on the B. & O. R. R.; 15,000 bushels capacity, two legs, electric power, iron clad, metal roof, 14 bins, all cribbed. Everything in A No. 1 shape. Price \$20,000.00. John V. Dirk, Weston, Ohio.

CENTRAL OHIO Elevator for sale. 12,000 bu. capacity. Private ground. In the heart of the grain belt. Handle grain, coal, salt, flour and feed. Address: Excellent, Box 4, Grain Dealers Journal, Chicago.

N. W. OHIO elevator, coal, hay business and residence property included, for sale. Good town, no competition. Will consider good farm in trade if properly located. Electrical power. Address Competition, Box 2, Grain Dealers Journal, Chicago.

NORTH DAKOTA Cribbed Elevator for sale, located on Soo R. R. in North Central North Dakota. Hopper bottom bins. A good grain point in a good grain country. Price \$6,000.00, part cash. Write L. Box 1042, Cando, North Dakota.

8,000 BU. CAPACITY ELEVATOR with good farm implement business for sale. Advancing years and death in firm makes it advisable to sell. Good grain locality. Excellent business. For complete information apply to Alex Verdöt & Co., Bonnot's Mill, Mo.

GENERAL ELEVATOR and feed business for sale. 1st class attrition feed grinder in connection. Also handle coal, farm machinery, fencing, building supplies, etc. No competition. Excellent business. Address: Field, Box 8, Grain Dealers Journal, Chicago.

15,000 BU. CRIBBED ELEVATOR for sale in southern Indiana. Handles 75,000 bu. Wheat with the following side lines, Flour and Feed. Good business. Death in firm makes it advisable to sell. For complete information apply to A. H. Richner, Broker, Crawfordsville, Ind.

NORTH DAKOTA ELEVATOR located in central North Dakota, for sale. Part interest in grain elevator, \$3,000.00, more or less, to thoroughly experienced grain buyer capable of taking full charge not later than August 1st. State qualifications and references. Address Interest, Box 4, Grain Dealers Journal, Chicago.

7,500 BU. frame iron clad elevator for sale. 60 miles north of St. Joseph, Mo., on Wabash R. R. New Electric motor power, new combined sheller and cleaner, 14 in. x 7 in. Buckets for ear corn, Howe Dump Scale. 1½ acres of private ground with warehouse adjoining elevator goes with it. New stove in office, new adding machine, fire proof safe, portable platform scale. Only elevator in town. For quick sale at \$6,000.00. W. C. Bailey, 433 Railway Exchange Bldg. Omaha, Nebraska.

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ELEVATOR AND GRAIN BUSINESS for sale. Line of Country Elevators, Central Illinois. Capacity 90,000 bus. Excellent condition. Also good commission business. Price \$30,000.00. Address Troy, Box 5, Grain Dealers Journal, Chicago, Illinois.

CENTRAL IOWA elevator for sale, 12,000 bu. capacity. Located on M. & St. P. R. R. Doing good business. Handle grain, coal, flour, mill feed, salt and fence posts. No competition. Price \$3,500.00 if taken before March 1, 1920. Address P. O. Box 34, J. F. Weaver, Gifford, Iowa.

SOUTHERN MINNESOTA ELEVATOR for sale. Capacity about 20,000 bushels, with warehouse attached. Exceptionally well built house in fine condition, very good territory and well established business. Handle coal, flour and feed and have good jobbing trade. Address Y, Box 5, Grain Dealers Journal, Chicago.

TWO GRAIN ELEVATORS for sale, located in North Central Iowa at adjoining stations. Good grain territory and both handle flour, feed and coal. Side line will take care of operating expense. Both do good business. A mighty good opening for the right man. Write quick. Address Adjoining, Box 5, Grain Dealers Journal, Chicago, Illinois.

I WILL SELL at Public Auction to the highest bidder for cash in hand, at two o'clock P. M., on Saturday, March 27th, 1920, one Nine Thousand Bushel Elevator at Durham, Kans. Durham is one of the best grain points in Kansas and located in the Cottonwood Valley.

DR. C. A. BRANCH, Receiver.
Marion, Kansas.

OLD ESTABLISHED Wisconsin Elevator, feed and seed business for sale. Equipped with Electric power; attrition mill, corn crusher, feed mixers, corn sheller, corn cracker and grader, seed cleaner, power loader and unloading machinery, large storage for sacked and bulk feeds. Large grain and dairy territory. A real money maker. Address D. W. B., Box 5, Grain Dealers Journal, Chicago, Illinois.

CENTRAL WESTERN OHIO Elevator for sale. 20,000 bu. Iron Clad. Private ground and spur. Electric power. In town of 3,000, with first class high school and located in the best grain section of Ohio. Side lines—Coal, Flour, Feed and Salt. Have done a retail business of \$30,000.00 in the last year. New grinder and crusher, new corn sheller and conveyor. Price \$15,000.00. No trades. Address Opportunity, Box 5, Grain Dealers Journal, Chicago.

THREE NORTH DAKOTA Elevators for sale. 40,000 bushels capacity each. In good operating condition and located on Great Northern R. R. Two of these elevators are equipped with Monitor Cleaners, other has no cleaner. All equipped with 8 h. p. Fairbanks Gasoline Engines. We are naming an exceptionally low price on these elevators, about half of what it would cost to build them today. For further particulars address Northern, Box 5, Grain Dealers Journal, Chicago, Ill.

N. DAKOTA, 20,000 Bu. Capacity Elevator 12,000 bu. annex for sale, motor driven. Storage for 200 tons of coal in addition. Equipped with all modern machinery. Receipts up to 60,000 bushels annually. Easily accessible to Duluth and Twin Cities, located on N. P. R. R. in good town which has good schools and churches. Young man who knows the business and is a hustler can greatly increase the business. Present owner too old to give business proper attention. Address Annex, Box 3, Grain Dealers Journal, Chicago, Illinois.

ELEVATORS WANTED.

WILL BUY Good 8 to 15,000 bu. elevator in North Central Okla. or Southern Kansas. Address Box 524, Pond Creek, Okla.

IN SASKATCHEWAN, Canada, 320 acres land. Will trade for Indiana elevator, description on request. Address Ed. Lee & Son, Crawfordsville, Indiana.

WISH TO BUY FOR CASH A GOOD GRAIN ELEVATOR in Eastern Colorado, Western Nebraska or Western Kansas. Address with full particulars, Denver, Box 5, Grain Dealers Journal, Chicago, Illinois.

WE HAVE several live wire clients in market to buy elevators. Send particulars of what you have.

STRONG TRADING CO.,
Wichita, Kansas.

ELEVATOR BROKERS.

JOHN A. RICE, exclusive elevator broker, Frankfort, Indiana.

ELEVATORS FOR SALE—Write to Julian L. Buckley, Elevator Broker, David City, Nebr.

IF YOU WANT to sell or exchange your property, write to me. John J. Black, 57th Street, Chippewa Falls, Wis.

MEN WANTED—Elevator managers are in demand. Insert your advertisement in the Grain Dealers Journal to get the position that is waiting for you.

ELEVATOR BUYERS SAVE TIME AND MONEY BY WRITING ME WHAT YOU WANT. I HAVE IT OR WILL GET IT. NAT CLAYBAUGH, elevator broker, Frankfort, Ind.

WE SPECIALIZE in Elevators in Kansas, Oklahoma, Texas and Missouri.
STRONG TRADING CO.,
Wichita, Kansas.

BAGS FOR SALE.

2000 SECOND HAND Cotton Grain Bags for sale at twenty-five cents each, f. o. b. St. Louis; 16 oz. holds 2½ bushels wheat. Foell & Co., 121 Market St., St. Louis, Mo.

BURLAP BAGS OF EVERY KIND FOR SALE; new or second-hand, plain or printed with your brand; seamless Cotton Grain Bags; Sample Bags; Burlap, Cotton Sheeting, or Paper for Car Lining, etc. Wanted: Second-hand bags, best prices paid.
WM. ROSS & CO., 409 N. Peoria St., Chicago.

OFFICE SUPPLIES.

SAFES—Large stock of new and used safes on hand. Protect your valuable papers. Prices reasonable. The Howe Scale Co. of Ill., 512-514 St. Charles St., St. Louis, Mo.

OFFICE DESKS, Office and Store equipment for sale. Prices that are "RIGHT." Goods that are more than "RIGHT." Write for MAIL ORDER Catalogue. Wichita Store & Office Equipment Co., 147 N. Emporia Ave., Wichita, Kan.

FOR SALE—Burroughs, Wales, American, Dalton, Standard, etc., adding machines, half retail prices, fully guaranteed. Typewriter bargains, all makes. Get illustrated catalog and bargain list. Minnesota Typewriter Exchange, Department G, 236 Fourth St. South, Minneapolis, Minnesota.

SITUATIONS WANTED.

EX-SERVICE MAN with three years' experience as manager of old line elevator wants position in Colorado, Kansas or Nebraska. Address Box 226, Kansas City, Kansas.

AS MANAGER of elevator. Line or Farmers' Elevator. Have managed both. 17 years' experience. Now employed, desire change. Address A. R., Box 4, Grain Dealers Journal, Chicago, Illinois.

AS SOLICITOR for good grain firm. Have had seven years' experience as country grain buyer and manager of elevators. Am at present employed, but want to change. Married. Twenty-seven years of age. Can give A-1 references. Address M, Box 5, Grain Dealers Journal, Chicago, Illinois.

POSITION WANTED as manager of Farmers Elevator or line of Elevators. Thoroughly familiar with grain and bean grades, government reports and income tax returns. A-1 accountant. If you need a capable executive, write or wire Account, Box 5, Grain Dealers Journal, Chicago, Illinois.

POSITION WANTED—On account of the loss of a milling plant by fire, an experienced grain man and mill manager is open for engagement. Address Experience Plus, Box 4, Grain Dealers Journal, Chicago Illinois.

POSITION WANTED by young man with 12 years' experience in manufacturing of Poultry and Live Stock Feed, either in plant or as salesman. Best of references. Address Poultry, Box 4, Grain Dealers Journal, Chicago.

EXPERIENCED ELEVATOR Manager wants position by April 1st or April 15th. Central Illinois preferred. Also experienced in general merchandise, and am a good bookkeeper. Thirty-eight years of age. Clean record. In present position six years. Address Merchandise, Box 4, Grain Dealers Journal, Chicago.

SITUATION WANTED—An experienced grain and mill man is seeking a connection due to the loss of a plant by fire. Sixteen years experience covering practically every phase and handling every functional department in the grain and milling business. Address Department, Box 4, Grain Dealers Journal, Chicago, Ill.

AS MANAGER of country elevator in Iowa or Ill. wanted. Farmers' or individual, no line company. Can handle all side lines and any kind of grain machinery. Can furnish the best of references. Good book-keeper, 34 yrs. old and married. Must be a man's size job, with a good future. Address Capable, Box 5, Grain Dealers Journal, Chicago.

POSITION WANTED by young man in Grain Business; 11 years' experience, 4 years as manager of elevator. Have had buying and selling experience in grain, flour, feeds and seeds, both retailing and jobbing. Have also had experience in milling. Married, 28 years of age, and employed at present as foreman and head miller for Grain and Feed Co., but desire change. Can furnish best of references. Address Married, Box 4, Grain Dealers Journal, Chicago.

WHAT ABOUT that Private Secretary you were going to employ? Can you use a clean cut young grain man, 29 years old? Experience—Chamber of Commerce, have run terminal, bought grain and managed an elevator in North Dakota and Montana. References 1st class. Student at law. At present employed. Consider salesman for line of elevators and mill supplies or the like, or a grain office, but no books. Address Law, Box 5, Grain Dealers Journal, Chicago.

PARTNERS WANTED

EXPERIENCED GRAIN MAN Wanted as partner in Grain Business. Have fully equipped elevator at good Illinois Station within 40 miles of Chicago. Must have working capital. Address Station, Box 5, Grain Dealers Journal, Chicago, Illinois.

MALE HELP WANTED.

WANTED—Hay and Grain Salesman. Can make from \$50.00 to \$75.00 a week. Address Hay, Box 4, Grain Dealers Journal, Chicago.

COMPETENT FOREMAN wanted for Mill Elevator good sized Oklahoma City. Must understand the grain business. Good salary for right man. Give experience and salary expected first letter. Address Foreman, Box 3, Grain Dealers Journal, Chicago.

ASSISTANT MANAGER wanted for Grain and Seed Business in the heart of the richest grain section of North Texas. Want man capable of soon taking full management. The buying and selling of grain and seeds spreads over all southwestern and several southeastern states. Thirty Thousand Dollar plant and ample financial connections. Prefer to have manager to put some money in business. This not actually necessary. Located in good small town with rail and interurban connection. Please give business record, positions and responsibilities assumed in each, salaries previously received and wanted in first letter. Address reply, "Personal, Elevator Manager," Box 38, Sherman, Texas.

BIDS WANTED.

BIDS WANTED on the erection complete of two 40 ft. x 14 ft. concrete grain tanks. Tanks to be plain with no machinery in connection with same.

The Rolla Co-Operative Equity Exchange, Rolla, Kansas.

MILLS FOR SALE.

FIRST TIME ON SALE—60 barrel Minnesota Flour Mill. Steam power. Town of 500. No competition. Is running steady and has good trade. Address Minnesota, Box 5, Grain Dealers Journal, Chicago, Ill.

DYNAMOS—MOTORS.

WANTED—1 15 h. p. Motor, Type RI—220 Volt, 60 cycle, single phase, with starter. Nebraska Farmers' Union Assn., Hastings, Neb.

SCALES FOR SALE.

NEW AND REBUILT scales of all kinds. The Howe Scale Co. of Ill., 512-514 St. Charles St., St. Louis, Mo.

ONE 4-TON Fairbanks dump scale with type-registering beam, for sale, used less than year. Perfect condition. \$160.00. Drawer M, Marcus, Iowa.

FAIRBANKS AUTOMATIC SCALES for sale. Crated ready to ship. Grain augers, number of cast iron pulleys and shafting. All new, never been used. Farmers Grain, Fuel & Supply Co., Macomb, Illinois.

500 BUSHEL FAIRBANKS Hopper Scale for sale. O. K. and in good shape. Price \$50.00. Make offer if you can use.

SPRING RANCH GRAIN & SUPPLY CO., Spring Ranch, Nebraska.

500 BUSHEL FAIRBANKS Hopper Scale \$250.00; 500 bushel Monarch Hopper Scale, \$150.00; 500 bushel U. S. Hopper Scale, \$125.00.

Richardson Scale Co., Wichita, Kans.

RICHARDSON AUTOMATIC BAG SCALE. New. Suitable for overhead track, complete, used 10 days.

Very cheap.

NATHAN KLEIN & CO. 210 Center Street, New York City.

SCALES REPAIRED AND SOLD

50 wagon scales, capacity from 4 to 15 ton. Any size platform in following makes: Fairbanks, Howe, Buffalo, Standard and Columbia. Each scale that leaves our factory is thoroughly overhauled and tested, and guaranteed to be correct. We furnish competent men for outside work.

COLUMBIA SCALE CO.
2439 N. Crawford Ave. - - - Chicago, Ill.

FEMALE HELP WANTED.

TYPIST, rapid, with general office experience. Address Grain Dealers Journal, Chicago, Ill.

BOOKKEEPER, double entry, thoroughly experienced, dependable. Write full particulars to Grain Dealers Journal, Chicago, Ill.

WHEN the first ring of the door bell is not answered, don't conclude that the folks are not at home. This applies to Journal "Wanted—For Sale" advertising. Ring again.

BUSINESS OPPORTUNITIES.

WILL TRADE equity improved section Hettinger Co., N. Dakota, for first class grain or lumber business. C. A. Pfund, Roland, Iowa.

WELL IMPROVED 160-acre farm located 10 miles of Mt. Carmel, Illinois, and 7 miles of Allendale, Illinois, for sale. Price \$100.00 per acre cash. For particulars address Geo. Couch & Sons, West Salem, Ill.

PROSPEROUS, LONG ESTABLISHED grain, hay and seed business in Colorado, for sale. Good reason for selling. Splendid location with room for expansion. Requires about \$80,000 cash. Address Prosperous, Box 3, Grain Dealers Journal, Chicago, Illinois.

ESTABLISHED Flour, Feed, Grain, Straw, Salt, Poultry, Feed, Etc., business for sale. Doing a profitable yearly business in New York of over \$250,000.00. Warehouses situated on railroad with own siding. Located in city of over 100,000 population. Reason for selling, Sickness. Address A. B. C. Box 4, Grain Dealers Journal, Chicago, Illinois.

ENGINES WANTED.

USED GASOLINE OR OIL ENGINES Wanted, Otto and Fairbanks preferred. In answering describe condition and name lowest price. Address Fairbanks, Box 5, Grain Dealers Journal, Chicago, Illinois.

MACHINE WANTED.

WANTED—Second-hand Barley Needle Machine available for immediate shipment. Advise full particulars as to condition of machine and price, f. o. b. shipping point. National Elevator Co., Winnipeg, Canada.

"I have disposed of practically all of the machinery and equipment advertised in your journal. Most of it was disposed of thru inquiries received from my advertisement in your paper." Harry W. DePrez, Shelbyville, Ind.

MISCELLANEOUS WANTED.

WANTED—Elliott Power Addressing Machine. Give number, condition and price. Address Late Model, Box 5, Grain Dealers Journal, Chicago.

MOTOR SOLD

"Have sold motor through your advertisement."—W. J. Lawson, Chase, Ind.

ENGINES FOR SALE.

FOR SALE: Three 18-h.p. Lauson Oil Engines, in good running order, only been used about three months. Also one 14 H.P. Lauson Oil Engine, brand new, never been set up. Anyone needing such power can get a bargain by corresponding with The Farmers Elevator Company, Metcalf, Illinois.

1-40 H.P. Foos Engine, \$800.00.
1-26 H.P. New Era Engine, \$300.
1-9 H.P. Foos Engine, \$150.00.
1-6 H.P. Gray Gasoline Engine, \$100.00.
1-40 H.P. high pressure boiler, \$500.00.
2-75 H.P. Heine Watertube Boilers,
CASEY BOILER WORKS Springfield, Ohio.

MACHINES FOR SALE.

TWO NO. 8 Boss Car Loaders for sale. Good as new. Address A. H. Richner, Crawfordsville, Indiana.

MIDGET MILLS: If you wish to buy or sell a Midget Mill from 25 to 60 bbl. capacity write me. All kinds of new and used mill machinery. H. C. Davis, Bonner Springs, Kansas.

1 NO. 2 JOLIET Corn Sheller for sale, perfect mechanical condition, practically new, has shelled only 10,000 bu. corn this season. Reason for selling have quit shelling corn. A bargain at \$500.00 f. o. b. Fayetteville, Tenn. Quick sale, need the room. Thornton Grain Company, Fayetteville, Tenn.

DO YOU want a machine or machinery? Have you a machine or machinery which you do not use or do not want? Do you enjoy having discarded machines and machinery laying around in your way, to rust out, or would you prefer to exchange it for elevator supplies you need? Use this department. Get what you want. Put your idle capital to work.

REAL BARGAINS.

Prompt Attention. Quick Shipments. When in need of elevator or mill machinery, notify us. We are headquarters for power and transmission equipment, and have on hand several well-known makes of motors, boilers, engines, etc.

Send us list of all your wants. We can supply you with full line of machinery for elevators, flour, corn and cereal mills. Complete equipments for modern mills of all kinds, molasses stock, and poultry feed plants, plans, specifications, flow sheets, etc., our specialty.

Write us without delay.

Geo. J. Noth, Mgr.,

9 S. Clinton St., Chicago, Ill.

BARGAIN IN LUMBER AND USED MACHINERY.

We want to salvage our elevator of good construction and all the machinery used in connection with same. This should be of interest to concerns wrecking or dismantling elevators of this kind.

The plant was built in 1903 of the best lumber obtainable, viz.: No. 1 White Pine and No. 1 Norway, at a cost of approximately \$11,000, and is now in excellent condition. Could not be duplicated today for less than \$15,000 or \$18,000.

Elevator proper has a capacity of 15,000 bushels with additional storage bin of 8,000 bushels capacity.

As we need the ground we are naming an exceptionally low price on the plant and in view of the high cost of building material and machinery an interested purchaser will find this a bargain to wreck and move.

The equipment consists of the following:

5 Single phase, A. C. Wagner Electric motors driving individual machines.

- 1 Western Corn Cleaner.
- 1 Western Corn Sheller.
- Wagon Dumps.
- 2 Elevator Legs, one small and one large.
- 1 Invincible Wheat Cleaner.
- 1 Ear Corn Loader.

The following scales, all of Howe Ball Bearing type:

- 1-60,000 lb. capacity hopper scale.
- 1-100 bu. capacity wheat hopper scale.
- 1-six ton wagon scale.
- 1 Philip Smith one man passenger elevator.
- Also 1 additional hopper scale to be used in connection with ear corn loading.

For further particulars communicate with
THE GOTTRON BROTHERS CO.
Fremont, Ohio.

MACHINES FOR SALE.

WILL YOU BUILD CONCRETE BINS? We have for sale, cheap, 125 second hand jacks for this purpose. Address Concrete, Box 2, Grain Dealers Journal, Chicago.

FOR SALE: BIG LOT of elevator belting and cups, No. 9 Clipper, No. 1 Monitor Receiv'g Separator, Elevators, Shafting, Pulleys and Hangers. 20 carloads of everything in the elvtr. and milling line. A. D. Hughes Co., Wayland, Mich.

ONE SECOND HAND 20-inch Monarch Ball Bearing, Double Head Attrition Mill for sale. Belt drive, with new plates.

ENTERPRISE UTILITY MFG. CO.,
742 Webster Bldg., Chicago, Illinois.

ONE 250 H. P. Corliss Engine, three Boilers, Heater, pumps, etc., for sale. Also One 4 compartment Brown-Duvel moisture tester, scales, etc.

LA FAYETTE CORN FLOUR MILLS
Lafayette, Indiana.

FOR SALE:

Two 200 h. p. Westinghouse Motors.
One 125 h. p. Westinghouse Motor.
One 50 h. p. Westinghouse Motor.
One Three high Great Western Corn Mill.
Full description to any one interested.
SUNNY SOUTH GRAIN CO.,
Birmingham, Ala.

SECOND HAND Machinery For Sale:

One nearly new 22-inch Monarch B. B. Attrition Feed Grinder with drive and leather belt.

One No. 2 Richmond Grain Cleaner.
24 feet 2 7/16 shafting.
36 feet 10-inch Gandy Belt.
200 feet No. 76 detachable chain belting.
Quantity buckets, belts, pulleys, etc.
WM. M. MONROE & SON,
Bronson, Michigan.

1 No. 7 Dust Collector.

1 only Auto sacking scale on truck for bagging meals, oats & chops & corn 5 to 200 lbs.
1 only corn cleaner, 1000 bu. per hour.
1 only 18 to 20 in Attrition Mill.
1 only Magnetic Separator for 9x24" corn rolls.
1 only Auto. scale for sacking molasses feeds.
1 only mix. conveyor with jacket for molasses feeds.
40 ft. 9" conveyor; 40 ft. 12" conveyor complete.
Address X, Box 3, Grain Dealers Journal, Chicago.

FLOUR MILL MACHINERY FOR SALE—

Two double stand roller mills newly overhauled and ready to do first class work. One Hughes flour sifter, four sections five sieves deep. The above cost \$1,400.00 when new. All practically as good as new as far as service is concerned. Also one 16 to 19 h. p. new oil engine corn and buckwheat buhrs wheat scourer bolts, line shaft, belts and pulleys and feed mill nearly new. Reason for selling, bad health and am going out of the milling business.

STOVER MILLING COMPANY,
Stover, W. Virginia.

SECOND HAND Machinery For Sale:

1-6x12 Eight Roller Mill, being 2-6x12 Mills connected together; good for short system mill.
1-7x14 Nordyke 4 Roller Mill.
1-6x18 Graham Single Roller Mill.
1-6x20 Todds & Stanley 4 Roller Mill.
1-Nordyke Swing Sifter for 100 Barrel Mill.
1-California Separator and Smutter 75 barrel Mill.
1 Richmond Bran Duster for 75 barrel Mill.
2 No. 3 Smith Centrifugal Reels.
1 Nu-Way Separator.
1 Lee No. 1 Perfection Wheat Peeler, 12 to 20 bushels per hour.
1000 feet Elevator Belting, 3-inch Cups.
100 feet 9-inch L. H. Spiral Conveyor.
30 feet 12-inch L. H. Spiral Conveyor.
Lot of other Mill Equipment, Pulleys, Belting, etc.

TEUSCHER & SON MCHY. SUPPLY CO.,
527 N. Second Street. St. Louis, Mo.

YOU MAY BE MISSING SOMETHING

If you do not read the Wanted and For Sale ads each issue. If you have something to sell or exchange, insert small advertisement in the Wanted and For Sale Department. When in need of an employee or employment write Grain Dealers Journal, 305 S. La Salle St., Chicago, Ill.

MACHINES FOR SALE.

BARGAIN—Slightly used Eureka Bean Brush Polisher, Separator and Grader, No. 231, for sale, including twenty-five screens. \$100.00 cash, warehouse, quick sale. Address Pye & Pye, 149 W. Kinzie Street, Chicago, Illinois.

SECOND HAND Machinery For Sale:

One No. 4 Invincible Special Close Scouring and Separating Machine Single.
Two No. 6 Invincible Double Special Close Scouring and Separating Machines.
Two No. 38 Perfection Dust Collectors.
One No. 35 Perfection Dust Collector.
One No. 25 Perfection Dust Collector.
One No. 23 Perfection Dust Collector.
Three No. 15 Perfection Dust Collectors.
Five No. 6 1/2 seventy-two inch twelve section Universal Bolter, 50 extra sieves each.
Three seven-foot by thirty-two inch round reel Flour Dressors.
Four Reliance Flour Packers, Tubes and Augers for barrels 98s-48c and 24 pound sacks.
One No. 6 Invincible Milling Separator.
On Barnard & Leas Packer for 98s & 48s.
One Case 9 by 30 Roller Mill with Girard Roller feeder.
One 9 by 18 three high Nordyke Marmor Corn roll.
One Columbia First Break Feed Governor 45 bushels per hour.
One First Break Feed Governor, 90 bushels per hour.
One Hercules Bran Packer.
Two 30 inch ABC Steel Plate Exhaust Fan.
THE ARKANSAS CITY MILLING CO.,
Arkansas City, Arkansas.

YOU CAN SECURE a partner if you make your wants known to the grain trade thru the Partners Wanted column of the Grain Dealers Journal.



Big Stock

MACHINERY

For Grinding, Elevating and Conveying all kinds of grain, of standard makes, from smallest to largest capacities.

NEW AND 2ND HAND REBUILT FLOUR MILL MACHINERY

GOOD AS NEW

We have the Largest Stock of 2nd Hand Flour Mill and Elevator Machinery in the World.

Belting, Pulleys, Shafting, Elevator Buckets and Conveyor Bolting Cloth and Roll Grinding.

Write for Net Price Book No. 78-B

B. F. GUMP CO.
THE MILL SUPPLY HOUSE
431-437 South Clinton Street, CHICAGO, ILL.

FOUR THINGS

the advertiser considers before an advertisement is placed:

CIRCULATION QUALITY INFLUENCE RATES

The GRAIN DEALERS JOURNAL guarantees its CIRCULATION; boasts of the QUALITY of its circulation; has succeeded because of its INFLUENCE, and pays advertisers because its RATES are reasonable.

GALVANIZED

TANKS

For Grain Storage. Quick Shipments.
Get New Bulletin No. 280—100 pages

Excellent Values in

RAILS, CARS, ENGINES, MOTORS, SCALES, ETC.

ZELNICKER IN ST. LOUIS

SEEDS FOR SALE—WANTED

SCREENINGS WANTED.

CORN, WHEAT, Barley, Seed Screenings, Oat Clips and Elevator Offal. Send average sample. Geo. B. Matthews & Sons, 420 South Front Street, New Orleans, Louisiana.

OFF-GRADE WHEAT, BARLEY, Corn or Oats, Wheat Screenings, Corn Screenings, Corn Bran, Oat Screenings, Oat Clippings, Barley Screenings, Barley Chaff or elevator screenings of any kind wanted. Please send samples. B. J. Burns, 324 Chamber of Commerce, Buffalo, N. Y.

WANTED.

BALED CORN HUSKS, Timothy and Clover Hay, Oats Straw and Grain WANTED. THE HAMILTON CO., New Castle, Pa.

The Toledo Field Seed Co.

Clover and Timothy Seed

Consignments solicited. Send us your samples.
TOLEDO, OHIO

Marshall Grain Co.

DISTRIBUTORS OF
KAFFIR MILO

Weights and Grades
Guaranteed at destination.

Responsible brokers wanted in all markets

517-18 Grain Exchange Building
Oklahoma City, Okla.

Wm. G. Scarlett & Co.

Baltimore, Md.

Buyers and Sellers

SEED GRAINS, RAPE,
VETCHES, SOYBEANS, RED,
CRIMSON, WHITE AND AL-
SIKE CLOVERS, ALFALFA,
SWEET CLOVER, RYE-GRASS,
TIMOTHY, REDTOP, MILLET,
ETC.



SEEDS FOR SALE.

GOLDEN MILLET for sale; 1919 crop.
D. H. CLARK & SON,
Galt, Mo.

SEED CORN, OATS and BARLEY for sale, carload lots or less. Samples and prices on request. Allen Joslin, Holstein, Iowa.

FOR PURE BRED Seed Corn of the standard varieties in large or small lots address M. C. Thompson, Maryville, Mo.

BUCKWHEAT—Car lots and less car lots. For Milling, Seed and Scratch Feed.
H. J. KLINGER & CO., Butler, Pa.

ONE car Alfalfa Seed, one car Timothy, one car Cane Seed for sale.
Johnston Land Co., Seward, Nebraska

MEDIUM, Mammoth and Alsike Clover Seed of highest quality, for sale. We buy direct from grower. Ask for prices.

WM. M. MONROE & SON,
Bronson, Michigan.

WHEN IN THE MARKET let us hear from you. We are wholesale dealers in Sweet Clover, Sudan, Millet, Cane, Kaffir, Milo, Feterita, Alfalfa Seed, Seed Corn, Barley, Oats, Rye and Wheat, Poultry Feed.

BOWMAN BROS. SEED CO.,
Concordia, Kansas.

FLOUR FOR SALE.

MIXED CARS of flour and mill feeds in 100 pound sacks are our specialties. We are now manufacturing a full line of corn goods, cracked corn, feed meal, corn and oats chop, Ohio Farm feed, shelled corn and standard oats, in connection with our flouring mill. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, Ohio.

WE BUY SEEDS

Fancy Grains, Clovers, Grass
Seeds, Timothy, Field Peas

Send Samples for Our Bids
Sample Envelopes on Request

NORTHRUP, KING & CO.
SEEDSMEN

Minneapolis Salt Lake City
Minn. Utah



I. L. RADWANER SEED CO.



Field and Grass Seed Trade Directory

ARNHEM, HOLLAND.

Wm. E. Busgers & Co., European fancy natural gr. sds.

ATCHISON, KANS.

Manglesdorf Seed Co., The, wholesale seeds.

BALTIMORE, MD.

Belt Seed Co., The, importers & exporters seeds.

BELFAST, IRELAND.

McCausland, Sam'l, Ryegrass & Dogstail.

BUFFALO, N. Y.

Stanford Seed Co., Inc., The, wholesale field seeds.

Whitney-Eckstein Seed Co., wholesale seeds.

CHICAGO, ILL.

Dickinson Co., The, Albert, seeds.

Illinois Seed Co., The, grass and field seeds.

Johnson, J. Oliver, seed merchant.

Continental Seed Co., seed merchants.

CINCINNATI, OHIO.

McCullough's Sons, The J. M., field and garden seeds.

CRAWFORDSVILLE, IND.

Crabbs Reynolds Taylor Co., grass and field seeds.

Crawfordsville Seed Co., seed merchants.

DES MOINES, IA.

Iowa Seed Co., buyers and sellers.

EVANSVILLE, IND.

Small & Co., W. H., seeds, grain and hay.

FARIBAULT, MINN.

Farmer Seed & Nursery Co., seed corn & grass seeds.

INDIANAPOLIS, IND.

Southern Seed Co., field and garden seeds.

KANSAS CITY, MO.

Harnden Seed Co., field & grass seeds.

Missouri Seed Co., wholesale exports and imports.

Peppard Seed Co., J. G., wholesale seeds.

Rudy-Patrick Seed Co., wholesale seeds.

LAWRENCE, KANS.

J. Underwood & Son, grass and field seeds.

LOUISVILLE, KY.

Hardin, Hamilton & Lewman, grain & field seeds.

Louisville Seed Co., clover & grasses.

Wood, Stubbs & Co., grass & garden seeds.

MERIDIAN, MISS.

Kimbrough Mitchell Seed Co., Southern seeds.

MILWAUKEE, WIS.

Courteen Seed Co., field seeds.

Kellogg Seed Co., grass and field seeds.

L. Teweles Seed Co., field seeds.

MINNEAPOLIS, MINN.

Dickinson Co., The, Albert, seeds.

Minneapolis Seed Co., seed merchants.

Northrup, King Co., wholesale seeds.

NEWBERN, TENN.

Cole Seed Saver Co., Japan clover wholesale.

NEW YORK, N. Y.

Loewith Larson & Co., grass & field seeds.

Doughten, Inc., H. W., grass & field seeds.

Nungesser-Dickinson Seed Co., wholesale seed merchants.

Radwaner Seed Co., I. T., fld. & gr. seeds, ex. impts.

OKLAHOMA CITY, OKLA.

State Seed Co., The, garden & field seeds.

PHILADELPHIA, PA.

Philadelphia Seed Co., Inc., The, wholesale field seeds.

ST. JOSEPH, MO.

Chesmore Seed Co., field seeds.

ST. LOUIS, MO.

Schisler, F. & G. S. Co., A. W., seed merchants.

Manglesdorf, Ed. F. & Bro., wholesale field seeds.

Newman & Malkemus, grass and field seeds.

ST. PAUL, MINN.

Jameson Hevener Co., shippers of field seeds.

SELMA, ALA.

Geo. M. Callen, seed grasses & hay.

TOLEDO, OHIO.

Flower Co., The S. W., seed merchants.

Hirsch, Henry, whole. flour, seed.

Toledo Field Seed Co., The, clover, timothy.

WICHITA, KANS.

Ross Bros. Seed Co., fld. seeds, alf., kaffir, sweet corn.

SEEDS FOR SALE—WANTED

Crabbs Reynolds Taylor Company
CRAWFORDSVILLE, INDIANA

Buyers and Sellers
CLOVER AND TIMOTHY SEED—GRAIN

TIMOTHY SUDAN RUDY PATRICK
ALFALFA
FEED MILLET SEED CO. KANSAS
CITY, MO.

WHITNEY-ECKSTEIN SEED CO.

Wholesale Seed Merchants
BUFFALO, N. Y.
CORRESPONDENCE INVITED

HENRY HIRSCH

WHOLESALE FIELD SEEDS
CLOVER — ALSIKE — TIMOTHY — ALFALFA
Our Specialty
All Other Field Seeds
TOLEDO - - OHIO

H. W. DOUGHTEN, 59 PEARL STREET
NEW YORK CITY

Importers, Exporters and Jobbers **Grass and Field Seeds**
We Are Buyers of NEW CROP ALSIKE
and Sellers of D. E. RAPE

Farmer Seed & Nursery Co.

Growers of Northern Grown
SEED CORN, CLOVERS, TIMOTHY
AND ALFALFA
FARIBAULT - - MINN

IMPORTERS EXPORTERS

GRASS and CLOVER SEED

Buyers and Sellers of Timothy, Red Clover,
Alsike, Alfalfa, White Clover, etc.
NUNGESSER-DICKINSON SEED CO.
New York, N. Y., U. S. A.



SIoux CITY SEED CO.

SIoux CITY, IOWA

Most Complete Line in the Northwest
Clovers, Timothy, Alfalfa, Seed Corn, Poultry Foods, Etc.
Always in the Market for Your Offerings—Mail Us Sample

We **SEEDS** We
Buy Sell

J. G. PEPPARD SEED CO.
Kansas City, Mo.

Crawfordsville Seed Co.

Crawfordsville, Ind.

FIELD SEEDS

WOOD, STUBBS & CO.

(Inc.)

LOUISVILLE, KY.

Ky. Blue — Orchard — Red Top
BUY AND SELL
Also full line Garden Seeds

The Stanford Seed Company, Inc.

Wholesale Field Seeds .. **BUFFALO, N. Y.**

The Mangelsdorf Seed Co.

Sweet Clover, Alfalfa,
Soudan Grass, Millet, Rape.

ATCHISON

KANSAS

SEEDS ANY and EVERY
KIND
CAR LOTS or LESS

The Nebraska Seed Co.
Omaha, Neb.

IOWA SEED CO.

DES MOINES, IA.

Wants to buy or sell seeds

The J. M. McCullough's Sons Co.

BUYERS — SELLERS

Field and Garden Seeds

CINCINNATI

OHIO

REGISTERED BRANDS



MINNEAPOLIS SEED COMPANY

WHOLESALE FIELD SEEDS

HARDY NORTHERN GROWN SEEDS OUR SPECIALTY

ASK OUR BIDS BEFORE SELLING. BUYERS, RECLEANERS, SELLERS. WRITE OR WIRE FOR SAMPLES AND PRICES.

TIMOTHY, CLOVERS, MILLETS

GRASSES, FORAGE SEEDS, SEED GRAINS, PEAS, BEANS AND SCREENINGS

SEED ELEVATOR AND WAREHOUSES:
34TH TO 35TH STS. AND RAILROAD
AVE. SO., ON C. M. & ST. P. RY.

P. O. ADDRESS: LOCK DRAWER 1546

OFFICES: 3444 RAILROAD AVE. SO.

MINNEAPOLIS, MINN.

GRAIN ELEVATORS AND WAREHOUSES:
35TH TO 37TH STS. AND RAILROAD
AVE. SO., ON C. M. & ST. P. RY.

SEED OATS

Have in stock several thousand bushels fancy No. 2 White Oats, weighing 35 lbs. or over. Will sell them at \$1.25 per bushel F. O. B. cars Peoria, Ill.

Send in your order earl .

G. C. McFadden & Co.
PEORIA, ILL.



Greater Yield



Can Your Farmer Patron Be Assured
By Buying Hardy Wisconsin Grown

CLOVERS

Medium Mammoth Alsike

Sold Under the

Famous Krop-King Brand

By the

MILWAUKEE SEED CO.

MILWAUKEE, WISCONSIN

THE ILLINOIS SEED CO.

CHICAGO

ILLINOIS

Buyers and Sellers

Timothy
Red Clover
Alsike
Alfalfa
Sweet Clover
White Clover
Red Top

Blue Grass
Orchard Grass
Rye Grasses
Hungarian
Millets
Sowing Rape
Pop Corn
Grain Bags, etc.

Field Peas
Buckwheat
Seed Corn
Fodder Corn
Hemp Seed
Canary
Sunflower

IMPORTERS

EXPORTERS

Ask for Samples if Buyers

Mail Samples if Sellers

SEEDS FOR SALE—WANTED

CONTINENTAL SEED COMPANY

230 SO. LA SALLE STREET
CHICAGO, U. S. A.

LOCK DRAWER 730

The S. W. Flower Co.

WHOLESALE
FIELD SEED
MERCHANTS

SPECIALTIES
RED CLOVER, TIMOTHY
ALSIKE
TOLEDO
OHIO

SOY
BEANS

O. M. Scott & Sons Co.
Marysville, Ohio

We are buyers of
Clovers, Timothy and Alfalfa
SEEDS

Send Samples

L. TEWELES SEED COMPANY
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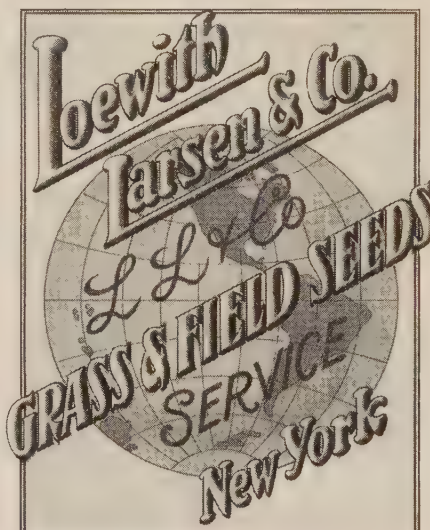
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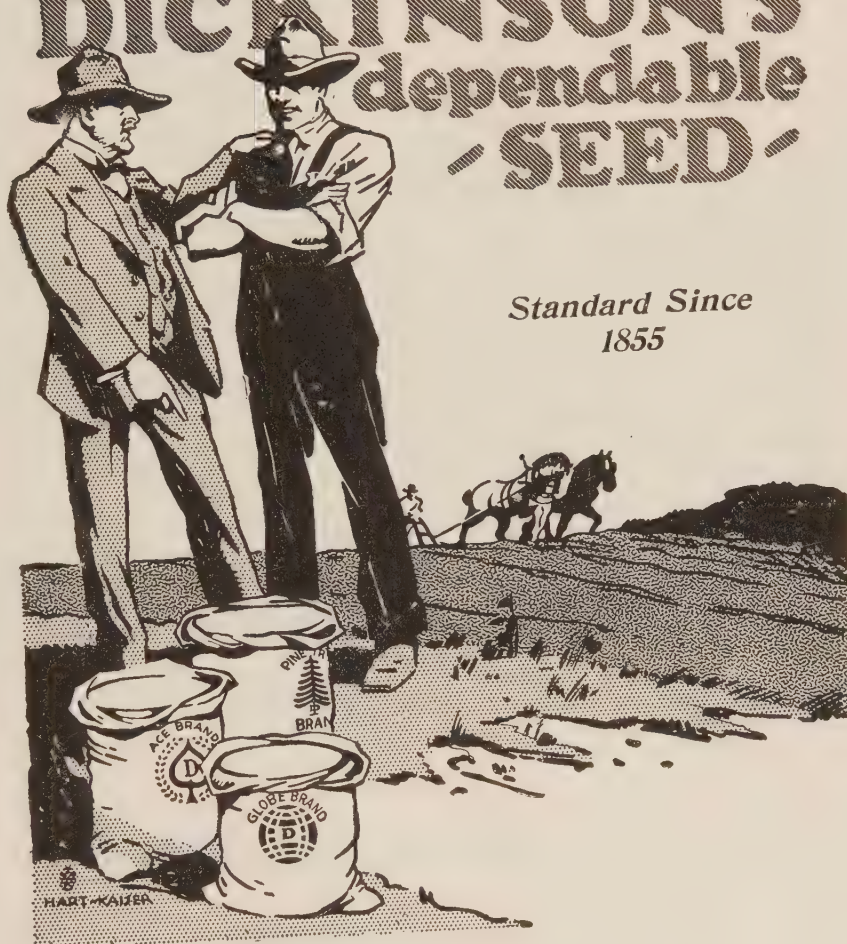
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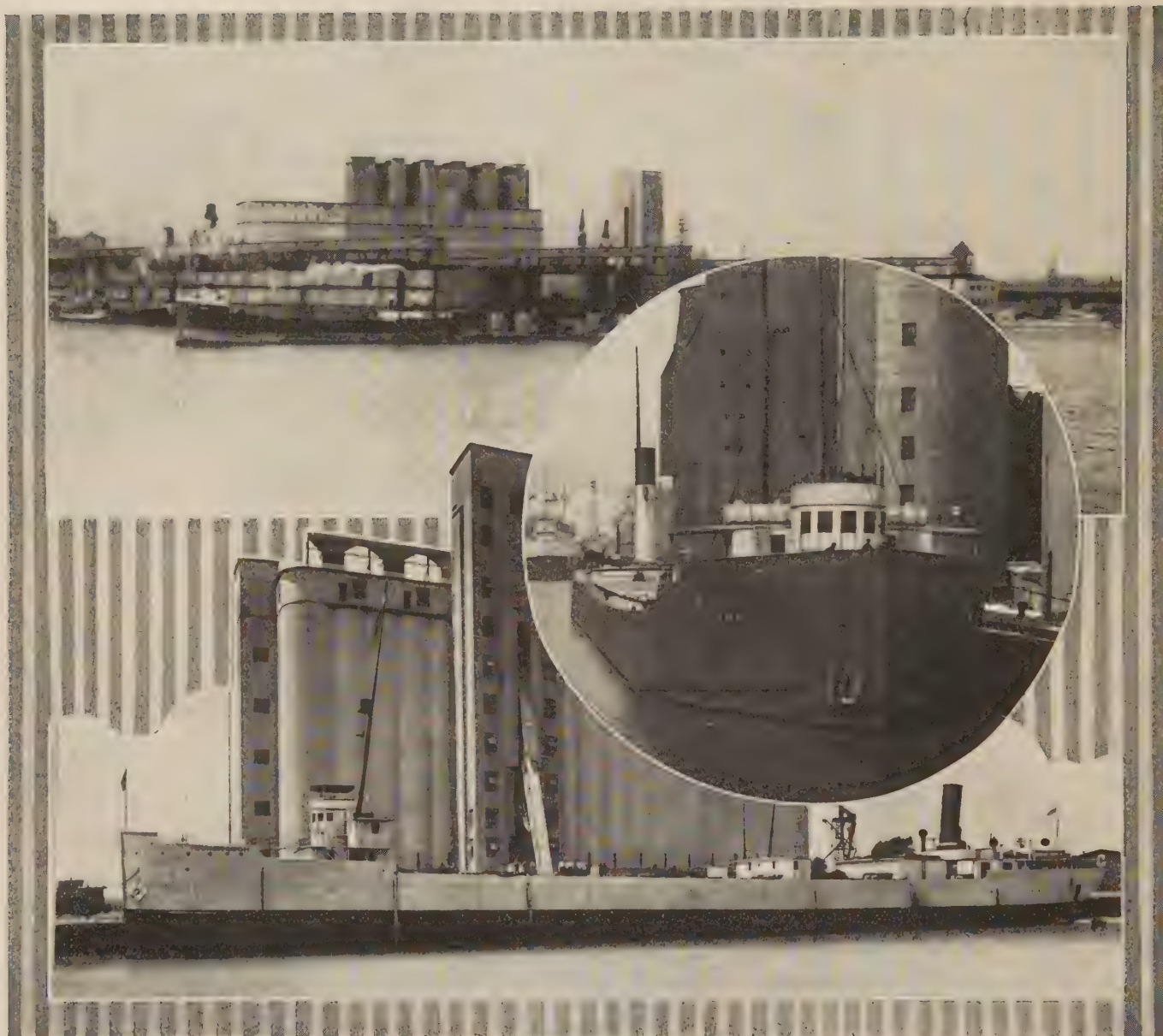
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GRAIN DEALERS JOURNAL

Published on the

10th and 25th of Each Month at
305 So. LaSalle Street, Chicago, Ill., U. S. A.

Charles S. Clark, Manager

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THE ADVERTISING value of the Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms for advertising a fake or a swindle.

LETTERS on subjects of interest to those engaged in the grain trade, news items, reports on crops, grain movement, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. Address "Asked-Answered" department. The service is free.

CHICAGO, MARCH 10, 1920

CARS continue to be scarce everywhere and in many sections only those grain shippers who persist in demanding cars get any.

"FREE SEEDS" have been given a body blow by the Senate Com'te on Agri. which has cut out the appropriation of \$250,000, for this useless waste. The brave com'te deserves to be congratulated not only by the unfortunate recipients of the worthless seed but also by the tax payers. Evidently some men in Congress are determined to stop extravagant waste.

THE MISSOURI VALLEY has a new grain exchange known as the Lincoln Grain Exchange. With so many well organized exchanges near the fields of production shippers should be able to obtain quick returns from their shipments, as well as become familiar with all the conditions and regulations surrounding their shipments to those markets.

ALL OF our reports on farm reserves, as well as the grain movement reports would seem to indicate that more grain is back in the country than is usual and some of the corn is not likely to improve in condition as it is damp and the germinating season is approaching. Look out.

THE U. S. Grain Corporation does not seem to be working to the entire satisfaction of Congress and an investigation of the business interests of the vice-presidents may be instituted. The members of the grain trade have had undaunted faith in the integrity of all the men managing the affairs of the Grain Corporation and will be deeply disappointed if investigation proves any of the men false to their trust.

NOW THAT THE railroads are back under private operation it is to be hoped that the owners will give early evidence of an efficiency in handling freight which the grain shippers of the land have longed for most earnestly for some months. However, we cannot overlook the fact that the claims of the bunglers that "the railroads were kept in excellent operating condition" is entirely false.

SCALES can not be depended upon for correct weights unless inspected occasionally and kept in prime working condition. Jack frost is now disturbing the foundations of many wagon scales and if they are not carefully inspected and corrected this spring some users will pay for more grain than they receive while others will be open to the charge of short weighting their patrons. If you wish correct weights have your scales inspected semi-annually and then watch them closely.

CARS REPORTED leaking in terminal markets are just as numerous as ever, which would indicate that many shippers are entrusting their grain to old, worn out box cars which are unequal to the task of safely transporting the grain to destination. If you must use old, worn out equipment, make sure that each car is well coopered before loading grain into it, and whenever you see a car leaking grain give us full particulars, for free publication in our "Leaking in Transit" column.

SHIPPERS OF GRAIN for export seem to have no option other than to pay the tax and file claim for its restitution after technicalities of the law have been completely satisfied. The prevailing opinion is that the law did not intend even to attempt to place a tax on grain exports as this is forbidden by the Constitution, but the Internal Revenue Collector is after the money and it seems to be impossible to restrain his grasping tendencies thru any action of the Courts.

THE GULF PORTS' charge \$2.50 and \$3.00 per car for killing weevil, surely is a most reasonable charge, if the pests are completely exterminated. If we have many crops like the last the Inspection Departments of every terminal market will find a profitable field for work in the destruction of these insects. However, it will be necessary for operators of country elevators to continue their vigilant work if their plants are to be relieved, even in a measure, from the destructive work of the grain weevil.

GRAIN ELEVATOR operators who have suffered loss of grain due to the destructive work of weevils will be glad to know that a machine has been placed on the market which will correct much of this trouble. Each year thousands of bushels of grain have been made unmarketable by the destructive work of the weevil. Some have used bisulfide of carbon to destroy the pests, notwithstanding the mutual fire insurance companies have protested most vigorously against the property being endangered by the presence of this explosive gas. With mechanical means of eradicating this pest it will no longer be necessary to use the deathly poison, hydrocyanic acid gas or bisulfide of carbon. The trade at large will welcome with open arms the new device.

ITALY, instead of taxing thrift and discouraging enterprise, proposes to make work compulsory by taxing heavily all idlers, loafers and social parasites who produce nothing. It has been discovered that hundreds of thousands of acres of fertile land await only the plow of the intelligent farmer to produce food for the country's hungry. Italian exchange is at such a heavy discount in many foreign countries imported farm products are very expensive and the Italian government seems to be fully justified in taxing idleness and thereby encouraging production.

A MINNESOTA SHIPPER complains that his local railroad agent refuses to consider claims unless presented on the company's own form of claim blank and at the same time the agent refuses to supply the blanks, altho admitting he has a stock on hand. It does not matter on what form or what color or weight paper claims are presented. If the essential facts are presented necessary to authenticate the shipper's claims then the railroad must give it full consideration. No court would tolerate the rejection of a claim on pure technical grounds in the manner of its presentation. Shippers should not permit their claims to be outlawed by any such dilatory tactics on the part of the carriers' agents. If the railroad agent does not care to consider a just claim simply take it to the courts and the bluffers will soon change their tactics.

SENATOR GRONNA'S bill abolishing the U. S. Grain Corporation immediately seems to have been killed, but the weasel-eyed senator is still on deck. The Government could no more afford to default on its wheat guaranty than could the Senator, now seeking reelection, afford to ask the support of the voters of his state, because he had opposed the farmers being paid a price for wheat fully justified by the supply and demand of the world's markets. Both North Dakota senators have long championed any wild cause which they suspected might win them votes among the bucolics of their state. The true merit of many propositions involving the grain trade has often been completely ignored by these two North Dakota representatives who have ever been willing to champion any cause that would help keep them in office.

ELEVATOR OWNERS who have refused to sign unfair leases continue to get cars as usual and no doubt the railroads will submit a more reasonable lease in the near future. Every authority with which complaints of extortionate rentals have been filed has ruled in favor of a reduction of the rentals to the basis of 6% on a fair valuation of the ground occupied. Several years ago the Interstate Commerce Commission ruled that all leases should be upon a similar basis, as to charge one man \$85.00 for a half acre and another \$25.00, would amount to rank discrimination. Now that the railroads are back in private hands the officials may be more desirous of cultivating public sympathy. At any rate it is entirely unnecessary for any grain elevator owner who is so unfortunate as to have his house built on railroad land to pay an extortionate rental or accept lease containing unfair conditions.

FILLED elevators and lack of cars has compelled many country elevator operators, as well as the farmers, to continue paying interest and some of them are paying high rates on loans so both have cause for complaint. Everyone recognizes that railway equipment is in extremely bad condition and it will continue so until the railway shop men run out of money, return from the winter resorts and get back to work. Not only did the Government fail to keep rolling stock in usable condition but it neglected to replace cars and locomotives discarded. However, with the coming of pleasant weather and the reduction in the transportation of coal a more active movement of grain from surplus sections may soon be expected.

REPORTS will be made to the U. S. Grain Corporation two months and a half longer, but the Federal Trade Commission and the Bureau of Markets will continue to pester the grain trade forever unless Congress is induced to economize and cut off these useless departments. Unnecessary governmental supervision and surveillance may make pleasant places for political sap suckers but do not encourage or help business. Many merchants tired and weary of the continued interference with their business have sold out and gone to loafing in hope of getting a little peace. The early abolition of these two departments would go far toward removing the cause of much of the unrest and dissatisfaction found among the grain handlers of the land.

OLD FORM Bs/L can be used by shippers without invalidating their right to recover damages on destination valuation, nor will their use deprive shippers of the full protection of the recent decision of the Interstate Commerce Commission declaring the two year and a day limitation on claims to be unreasonable. Paper is so scarce and printed matter so difficult to obtain that shippers will do well to use up their old stock, stamping each bill to the effect that Paragraph 3 of Section 3 of the conditions on the back of the bill have been amended. With that information before them arbitrary claim agents will not be likely to attempt to ignore the new regulations in passing upon claims filed on account of the shipments.

TELEGRAPH COMPANIES will be made responsible for their mistakes, delays and loss of messages if senate bill No. 1571 is enacted in the law, as it should be. At present the telegraph companies are enabled, thru the provisions of the conditions printed on the back of their telegraph blanks, to escape all responsibility, unless senders pay for repetition of the message, and even then their liability is limited, so that senders of messages are themselves responsible for the errors, delays and losses made by the blundering employees of the telegraph companies. Under the present conditions telegraph companies take the public's money and then immediately lose all interest in the customers, because they are not responsible for errors, delays, destruction of the messages, and its own lack of interest in the quality of service rendered the public naturally is shared by its own employees. Grain dealers who have any influence with their representatives in Congress owe it to themselves and the trade at large to work for the passage of Senate bill No. 1571.

Alabama's Grain Trade.

Alabama commercial leaders have done much effective work in the way of encouraging farmers to rotate their crops and to devote more acres each year to the production of corn, in the hope of checking the boll weevil and at the same time helping to supply the state's coarse grain needs. These promoters of better agriculture have worked up sufficient enthusiasm to bring about the erection of some elevators designed primarily to receive grain from farmers' wagons. But the principal grain trade of the state is still conducted thru brokers who import much sacked grain and some bulk grain from the distributing points farther north and sell it to the wholesale grocers, who in turn ship mixed carlots of feed to groceries to small interior towns and oft times direct to some large planters.

The demand for mixed feed of all kinds is rapidly increasing and this branch of the trade is fast assuming first importance. The farmers, having discovered that their live stock thrives much better on mixed feeds than on straight grain, are ready buyers thruout the winter months.

A perusal of our illustrated article telling of the firms and facilities of some of the state's more important grain handling points shows remarkable activity in the handling of coarse grains and the manufacture of mixed feeds. Oats crushers and chop mills of different varieties are found here and there and in Mobile one real novelty is shown in its latest development, viz.: outside receiving legs, somewhat of the character of the marine legs used by east lake port elevators to remove grain from the lake vessels. While Alabama can hardly be expected to become a grain surplus state, its increased agricultural activities are sure to create a home demand for an ever increasing quantity of feeds, so that it will always be a good market for the surplus states farther west.

Land Values and Future Grain Prices.

Many good grain farms of the older states have changed hands repeatedly during the past two years. Speculation in farm land has been rampant and many farmers, after selling farms they had cultivated for a lifetime at what they considered extravagant figures, have bought the same farms back at a marked advance in price. These speculators seem to have entirely overlooked the fact that present prices for farm products cannot be maintained when farm production again overtakes consumption.

Farmers who have not hesitated to pay five, six and seven hundred dollars for land no doubt will be grievously disappointed when corn and wheat fall under \$1.00 and oats to 50 cts. In order to make even a fair interest on their investment they will find it necessary henceforth to cultivate their acres most intensively, and the problems of the farm will require more careful thought and consideration than ever.

Making a \$500.00 per acre farm a profitable investment may be an easy task this year, but conditions are sure to change and while they may charge the grain dealers with failing to pay them living price for the products of their farms, the general public will not forget the

last two years of wild speculation in farm land and the accompanying inflated values.

Alarmists and Pessimists Take a Back Seat.

The ides of March we are adjured by Shakespeare to remember strike a fateful hour in the affairs of men, and a brief review of current events shows that we are about to turn this corner with the brightest outlook in many years.

The pessimists declared we would have war with Japan; but the past week internal trouble developed that will keep Nippon busy.

Alarmists declared we would go to war with Mexico, forgetting that the treaty of Guadalupe Hidalgo, in 1848, compels both nations to submit all differences first to arbitration.

Foreign exchange situation was certain to lead to a financial panic; but it failed to do so, and the allies have just announced that the loan falling due next autumn in the United States would be paid off.

Congress would lack courage to pass the railroad bill with anti-strike provisions; but it did pass the bill. Then we were told that if the bill passed the railroad brotherhoods would tie up every road in the country. But the trainmen have just decided it is better to be a law-abiding American than a dead Bolshevik.

Other favorable factors are the definite deliverance of the country from the threat of socialistic activities by the federal government. The government director of sales has just announced that far from continuing and enlarging its retail business, the government will close each of its present 77 stores when the cost of operation exceeds 10 per cent. The shipping board last week released control of boats to private agents on a percentage of profit, the operators to make their own rates.

Attacks on the Grain Corporation indicate that this incubus on the wheat trade will endure not a day longer than absolutely necessary to fulfill the guaranty, which will expire May 31.

Opinion is shaping in the direction of shifting the burden of oppressive taxation from enterprise and production to a levy on consumption, as it is plain the government is absorbing too much working capital and we need increased production and decreased consumption.

In the past few weeks the high cost of living has received its only permanent check. Prices have reached a point where the banking power of the United States, both in credits and reserves, has been exhausted, a condition hastened by our exports of gold. To keep prices rising it will be necessary to have a fresh emission of paper money based on a new issue of government bonds. Prices will remain high, however, as long as the buying power of the public is unexhausted. Altho the purchasing ability of the clerks, salaried and professional men as a class has been exhausted, ample sustaining power at present is furnished by the ranks of organized and common labor.

Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

How to Destroy Weevil?

Grain Dealers Journal: What is the formula for destroying weevils in grain bins? It was published in the Journal some time ago. I clipped it out but lost it on my way to the drug store.—W. H. Hayes, mgr. Thawville Grain Co., Thawville, Ill.

Ans.: One-quarter gramme of cyanide of potassium is required for each cubic foot of space to be fumigated. There are 28.35 grammes to the ounce. For each ounce of cyanide allow $1\frac{1}{2}$ times as many ounces of acid; and for each ounce of acid allow $1\frac{1}{2}$ ounces of water.

If unfamiliar with the use of the formula read over the directions given on page 524 of the Journal for Sept. 25, 1919.

A new machine for killing weevil is described elsewhere in this number.

Any Form Good in Presenting Claim.

Grain Dealers Journal: The Northern Pacific agent here has refused to entertain an undisputed claim unless presented on the railroad company's own form. A request by me to present his freight bills on my stationery was also refused. A request for a form was refused with the statement that they had them but were instructed not to provide shippers with them and that the shippers could buy the forms at a local stationery store. I do not mind the cost of the stationery, but do not like the principle involved.

Can this be sued without first presenting it on the required form to the claim department?—D. D. Simmons, Moorhead, Minn.

Ans.: If suit is started the court will make and entertain no inquiry as to the form in which the claim was presented. The shipper can state the facts in his own way on his own form; and if suit is started the fact that he failed to use the railroad's form will not even be mentioned to the court by the railroad company, as it constitutes no defense.

To save labor of claim clerks the railroads would give shippers blank forms, were it not that they do not care to make it easy for shippers to file claims.

Recovery for Corn Arriving Rotten?

Grain Dealers Journal: Some time in February we ordered by telephone thru the Kansas City Brokerage Co. a car of sound dry corn without shuck. Their corn was shipped in one car and arrived here about three weeks later in another car which is evidence that the car was reloaded in transit, for what reason we do not know. The corn was sold to us demand draft, Kansas City weights and grades to govern. The corn arrived here damp and rotten, over 50% of same being unfit for feeding. We note that on referring to confirmation that it showed only ear corn, however we feel sure that shipper cannot ship rotten corn to dealer and charge him the price of sound feeding corn bought as such over phone.

Our broker states that they have sample of corn given them by seller and that the Kansas City Board of Inspection also has sample and that this sample shows corn to be sound and dry.

We have already paid draft and we ask just what steps we shall have to take in order to collect this claim and whether the shipper or carrier is responsible?—Laser Grain Co., Clarksville, Ark.

Ans.: Having been sold on Kansas City weights and grades, the sellers, having inspection to show the corn was sound and dry, are not liable.

The railroad company is liable for three reasons. First, three weeks is an unreasonable

time to move the car. Second, the corn was sufficiently sound and dry at time of shipment to have carried to destination in a reasonable time. Third, the car was transferred in transit, which argues that damage may have occurred in transit or that the identical corn was not reloaded.

Claim should be made to the railroad company, with statement of all the facts. If refused suit should be brot.

Exports of Grain Weekly?

Grain Dealers Journal: In Feb. 25 number on page 366 are given figures of exports of grain weekly since July showing a total of 126,963,000 wheat exported this year against 126,475,000 last year, and as these figures are so much different particularly for this year from the figures of the United States Grain Corporation, a circular of which is herewith enclosed, we would like to ask on just what basis these figures are made up and so forth. In other words, are wondering just how to reconcile these two statements and which of the two is correct.—The G. E. Gee Grain Co., Minneapolis, Minn.

Ans.: The difference is due to the table published including only the eastern seaboard and gulf ports, while the Grain Corporation probably includes the Pacific coast ports.

Deduction of Prior Losses From Tax.

Grain Dealers Journal: In reading this morning the Journal of Feb. 25, we note on page 363 the inquiry of the Western Improvement Co. in regard to allowance in computing income tax for losses sustained in a previous year and the reply that the regulations do not permit any such deduction. Beg to call attention to articles 1601 to 163, Regulations 45 which provide relief under certain conditions. This is also set out in detail on page 1 of the General Instructions printed on form 1120, Corporation Income and Profits Tax return.

We are calling attention to this for the benefit of not only this firm who made the inquiry but for other readers who might be misled by the reply published in the issue mentioned.—T. B. King, treas. T. B. Hord Grain Co., Central City, Neb.

Failure of Gravity Loading Spout.

Grain Dealers Journal: After reading the article in Asked-Answered Feb. 10 grain men all over the country sent me letters giving advice. I tried most of them, except changing the spout.

On the old slant we tried letting in right from the head a continual stream. We also changed the flexible spout in different locations. We also put in an air spout and a cut-off to regulate the flow, and several other different methods all to no avail.

One thing I believe was the matter is that the joints of the pipe are not screwed close together, and we do not have big enough wrenches to do it here. Where the joints were it seemed to make the corn jump, and at the end of the spout it came out with a whirl. The spout was straight, but there was something wrong. I wish to thank all the friends who wrote me, and appreciate their interest. We can not run from the cleaner into the scales without re-elevating. This is why I did not move it at first.—B. E. Morgan, Rossville, Ill.

Ans.: When no wrench is available a purchase on pipes of large diameter can be secured by wrapping several winds of steel or manila cable tightly around the pipe and tying the rope to a crowbar or 2x4 timber.

To begin with, the straight spout, adopted by all builders, is not adapted to get the maximum throw from the momentum of a falling mass. The correct line for the spout is more nearly about three-fifths the catenary of a chain. That is, the initial descent should be nearly vertical, next less so, farther down still more slant and the lower part of the spout horizontal, and the extreme end actually inclined upward.

The reason for this is that engineers have ascertained by experiment that the flow of any liquid or gas thru a pipe is cut down 50 per cent by each right-angled joint. To preserve the flow the change of direction must be gradual. As the speed of the grain in the

lower part of the spout is more rapid the curvature of the spout at that point can be more rounding.

The flexible loading spout is a practical attempt to accomplish this increment in curvature.

When all other means have failed the spout can be made to throw to the ends of car by building the cupola higher and raising the head of the elevator leg. This would be considerable expense.

The cheaper way would have been to let the farmers haul the wagonloads just a few feet farther towards the track, so that the leg could have been closer to the track, avoiding so much sidewise throw after the grain got to the top of the house.

Recovery for Failure to Furnish Cars?

Grain Dealers Journal: Will the Journal please advise us how we shall go about it to file claims for inability to get cars?

If this could be done I think that it would help a lot of grain shippers who had their house full of high priced grain and were not able to ship.—Rosebud Grain Co., by M. Kositzky, Winner, S. D.

Ans.: A claim for failure to furnish cars is not entertained by the claim department. Action can be obtained by suit in court; but a showing that cars were required by the government or controlled by the food or fuel administrations would aid the defense of the railroad, so that it is unadvisable, except in rare instances, to start suit. If the carriers practiced unjust discrimination in car supply they are liable in damages.

Now that the railroads are again under private management, and the war is over the carriers have less defense and will have none after the U. S. Wheat Director quits controlling shipments and the use of cars.

Recovery for Decline in Market.

Grain Dealers Journal: Will the Journal tell us if a consignee can make claim against a carrier for decline in the market on account of delay in transit on grain if his invoice is less than the prevailing markets? Suppose if consignee A buys a car of No. 3 white corn @ \$1.25 per bu, and the market on the same grade was \$1.40 on date the car should reasonably have arrived but on the day it did arrive the market was \$1.30 being 5c more than the invoice can the consignee recover the 5c and is he compelled to show his invoice showing how much the corn cost him?—Western Grain Co., Ft. Smith, Ark.

Ans.: To get the correct point of view it must be borne in mind that the shipper is not required by law to forego his profit to pay for the shortcomings of the railroad company. If evidence is offered by the railroad company to show a lower price paid it will not offset evidence by the shipper that the market was \$1.40 when the shipment should have arrived.

THE DEPARTMENT of Farm Management at the Illinois State University, after seven years cost studies on Illinois farms, concluded that on all farms under 260 acres, horses furnish the most efficient and most economical source of farm power, and that on farms over 260 acres, where tractors might be used to advantage, 75 per cent of the work generally will be most efficiently and economically done by horses.

Coming Conventions.

Apr. 1 and 2. Western Grain Dealers Ass'n at Des Moines, Ia.

May 11, 12.—Illinois Grain Dealers Ass'n at Decatur, Ill.

May 18, 19. Oklahoma Grain Dealers Ass'n at Oklahoma City, Okla.

May 26, 27, 28. Kansas Grain Dealers Ass'n at Wichita, Kan.

June 7, 8 and 9.—The Southern Seedsmen's Ass'n at Jacksonville, Fla.

June 22, 23, 24. American Seed Trade Ass'n at Milwaukee.

June 21.—Wholesale Grass Seed Dealers Ass'n at Milwaukee, Wis.

July 13, 14, 15. National Hay Ass'n at Cincinnati, O.

Oct. 11, 12 and 13. Grain Dealers National Ass'n at Minneapolis, Minn.

Letters

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

A Real Car Load of Wheat.

Grain Dealers' Journal: We have noticed several times articles in your paper showing large cars loaded and for your information will say we loaded car Pa. 564,507 C T containing 2006-30 bushels of wheat billing same to Bristol, Tenn. Can you beat this? Yours truly, Lexington Elevator & Mill Co., Lexington, O.

State Market Journal Ridiculous.

Grain Dealers' Journal: The grain dealers in the Southern states have about as much respect for the county agents as have their brother dealers in the West, who have adopted resolutions condemning their meddling in business.

One of the most ridiculous and laughable of these attempts is the Alabama Market Journal, published by the State Department of Agriculture for the purpose of marketing farmers' products direct to the consumer. As a medium for marketing crops it is impractical. —J. H. Taylor, Montgomery, Ala.

Feeding Value of Timothy and Johnson Grass.

Grain Dealers' Journal: In your Feb. 25th number I noticed a comparison of Johnson Grass and Timothy, based upon figures from the Alabama State Depart. of Agri. I'll grant that the feeding value of Johnson Grass is high, but I am sending you herewith a comparison of the two grasses taken from Henry & Morrison's 1917 edition of "Feeds and Feeding," which I believe to be more in keeping with the average run of No. 1 Johnson Grass and No. 1 Timothy Hay:

| | Timothy | Johnson Grass |
|----------------------------|---------|------------------|
| Ash | 4.90 | 7.50 |
| Water | 11.60 | 10.10 |
| Protein | 6.20 | 6.60 |
| Fat | 2.50 | 2.10 |
| Fiber | 29.90 | 30.20 |
| Nitrogen-free Extract..... | 45.00 | 43.50 |

From the above it would seem that the two grasses shud sell at all times for practically the same price, and it would take fine calculation when they are offered at equal values, to figure the best one strictly on its chemical analysis.

Out of 100 pounds of dry matter, we find the total number of pounds of actual digestible matter in Johnson Grass to be 48.90, while Timothy is 47.00.

The above analysis shows Johnson Grass to be a shade better than Timothy in feeding value.—Alabama Black Belt Co., Montgomery, Ala.

Grain Credit to Europe Denied.

The appropriation of \$150,000,000 for the relief of eastern Europe which has been strongly urged by Hoover, and which was cut to \$50,000,000, has been refused definitely by the action of the House rules com'te Mar. 6 and of the House Mar. 8.

Chairman Campbell took the position that since the Wheat Director, Barnes, claimed authority to sell flour and wheat on credit, there was no need to give him special permission. Later the ways and means com'te at the request of Mr. Barnes reported out a resolution specifically authorizing the Grain Corporation to dispose of 500,000 barrels of flour to European countries on credit.

But when this report came before the House two days later it refused to act on it.

Senate Bill Would Make Telegraf Co. Liable.

Senator Curtis of Kansas has introduced a bill, S-1571, in Congress to amend the act to regulate commerce which would, if put into effect, amend the law concerning the contracts relating to errors in the transmission of telegrams and make the telegraf company liable for their proper delivery. The bill already has been referred to the com'te on interstate commerce. A similar bill is to be introduced in the House.

The law has the backing of grain exchanges and grain organizations. In a letter written to a number of congressmen urging their support of the bill, C. V. Topping, sec'y of the Southwestern Millers League said:

"Under the present law the company is not responsible for mistakes, delay or non-transmission of a telegram not repeated, beyond the amount paid for the sending of same. Liability is assumed by the company on repeated messages only up to 50 times the charges on the message."

He also explained to them that the telegraf company was a common carrier and should serve the public as a common carrier, and be made responsible for the delivery of messages entrusted to it. He also said that the proposed bill would compel a greater efficiency among employees of the telegraf companies.

The only responsibilities the companies seem to have today is taking their customer's money. A little responsibility would do them good. As it is the sender is responsible for the acts of the companies' messengers, responsible if the telegram is not delivered and responsible if the wording of a message is changed. This bill if passed, will place the responsibility on the telegraf company, where it belongs.

Old B/L and Loss and Damage Claims.

Many shippers who have on hand a liberal stock of the old form of B/L are advised that the use of the old form does not invalidate their right to recover damages on destination value nor to the full protection of the decision of the Interstate Commerce Commission on the adjustment of loss and damage claims, allowing claims after 2 years and a day.

The railroads have adopted the rule laid down by the Commission in its decision relating to the adjustment of loss and damage claims within the two year and one day period and have corrected the B/L published in Consolidated Freight Classification No. 1. The correction is contained in supplement No. 2 to Consolidated Freight Classification No. 1 to become effective Feb. 29, 1920. The additional language added to paragraph 3, section 3 of the B/L reads as follows:

"Provided, however, That where claims for loss, damage or delay have been duly filed with the carrier and such claims have been definitely declined in writing by the carrier before the beginning of the last six months of the two year and one day period, then suit thereon may be filed within six months from the date the claims are definitely declined in writing by the carrier, but not after. Where claims for loss, damage, or delay are not filed, or suits are not instituted thereon, in accordance with the foregoing provisions, the carrier will not be liable and such claims will not be paid."

It is the opinion of the National Industrial Traffic League that while no change is necessary, it is recommended that a rubber stamp be used indicating that paragraph 3 of section 3 of the uniform B/L has been amended as shown in supplement No. 2 to Consolidated Freight Classification No. 1, effective February 29, 1920.

It is further recommended that shippers who find it necessary to secure new supplies of Bs/L make proper correction in paragraph 3, section 3.

Hearing Mar. 22 on Rate Adjustment.

Pursuant to the provisions of the new railway law empowering it to establish rates the Interstate Commerce Commission will hold a hearing at Washington Mar. 22.

The subjects for discussion are:

1. Whether for the purposes of said section 15(a) the rate adjustment shall be made for the carriers as a whole, or by rate groups or territories to be designated by the Commission, and if the latter, what rate groups or territories should be so designated.

2. What methods should now be employed under section 15(a) for determining the aggregate value of the railway property of the carriers as a whole, or of the carriers as a whole in each of such rate groups or territories.

All persons desiring to be heard should so notify the Chief, Bureau of Dockets, Interstate Commerce Commission, Washington, D. C., on or before March 20, 1920, preferably by telegram, stating the amount of time sought and naming any carriers, shippers, organizations, state commissions, or other bodies on whose behalf they may appear.

Trading with Europe on the Type Sample Basis.

European dealers in field seed favor the purchase of seeds from this country on a basis of type samples, because of the greater advantages in making quick purchases and securing prompt deliveries. There are some disadvantages to the dealer here in making large shipments and taking responsibilities connected with such transactions based wholly on purchases from type samples. However, it is possible to develop trade between strictly reliable concerns on both sides on a basis of type samples. In fact, certain firms follow this practice, and so far as I know, are very successful with it and have very few complaints. I think I heard of fully as great a percentage of complaints and unsatisfactory adjustments from purchases made otherwise than of those from type samples.—W. A. Wheeler.

Leaking in Transit

Grain dealers can help brother sufferers in the collection of claims for loss by reporting to Grain Dealers Journal, for free publication, car initials, number, place, date and condition of car seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

Erie 103,204 passed thru Emerson, Neb. Feb. 27 leaking badly from a bursted side.—John Moseman, Moseman-Heyne Co., Pender, Neb. (See other report on this car below.)

M. K. & T. 87715 was set off at Nevada, Ia., some time Feb. 28 and was picked up by way freight train going east No. 42, about 1 p. m. It was leaking white corn thru sheathing. I did not have time to repair same.—Frazier & Sons, Nevada, Ia.

Erie 103,204 loaded with white corn sprung a leak in the yards at Emerson, Neb., about Feb. 22, and leaked several bushels. It had been plugged by the car tappers and had been moved several times, every time losing more corn. It is to be transferred to another car but is still leaking every time a train goes by.—Crowell Lbr. & Grain Co. (other report on this car above.)

M. P. 80072 side tracked at Rolfe, Ia., Feb. 23, was leaking on one side and at one end.—P. M. Lohian, helper Charlton & Larson Grain Co.

C. & N. W. 61392 passed thru Templeton, Ind., Feb. 23, leaking oats thru sheathing and floor at corner of car. Helped brakeman repair best we could.—E. H. Stembel, Kennedy Bros.

Lincoln Grain Exchange Organized.

The grain companies of Lincoln, Neb., handle about 15,000 cars of grain a year at the present time. Lincoln has three storage elevators with a capacity of 1,250,000 bushels, 2 flouring mills with a capacity of 950 barrels daily. The Gooch Milling & Elevator Co. has under construction an addition to their present mill which, when completed, will increase the daily capacity from 950 barrels to 2,500 barrels.

To make Lincoln a prominent primary market and a very much more important grain and milling center the leading dealers have just completed the organization of the Lincoln Grain Exchange.

Headquarters are in the First National Bank Bldg.

The 29 charter members are: C. G. Crittendon, W. T. Barstow, T. M. Waxman, J. S. Ewart, M. T. Cummings, E. D. Foster, Lee O. Wilsey, B. M. Ford, H. H. Wintersteen, H. E. Gooch, F. E. Roth, J. M. Hammond, Rena Iveson, Edward Leet, George H. Dunn, J. M. Paul, J. A. Schoenthal, J. D. Taylor, E. R. Martin, R. V. Koupal, J. S. Waxman, C. J. Slater, L. J. Thurn, T. R. Samuelson, Clara King, Howard Rathbun, A. A. Tonner, J. J. Ledwith and W. S. Whitten.

C. G. Crittendon has been chosen president of the exchange. J. S. Ewart is vice-president and W. S. Whitten, secretary of the Commercial club is secretary-treasurer of the new organization. The board of directors is composed of five members including H. E. Gooch, E. N. Mitchell, B. M. Ford and the president and vice-president acting as members ex-officio.

Practically all of the big grain and milling companies of the city are represented in the membership. Applications for membership have been received from twelve dealers in other parts of the state.

Car Inspection and Supervision of Weights at St. Joseph.

Realizing the importance of an efficient department for the supervision of weights, the St. Joseph Grain Exchange has perfected a system which has many distinct advantages and brings about a better understanding between the shipper, the receiver, and the carrier.

The department is operated under the direction of a Weights Committee composed of members of the exchange, three regulars and three alternates, who meet twice a month and inspect all plants under their supervision every two weeks. Scales are inspected and tested every three months. The committee is appointed to serve for one year. The personnel for this year is C. L. School, chairman; C. A. Geiger, H. L. Dannen, and Wm. Clark, A. C. Muench, E. W. Louth, alternates.

A permanent record is kept in the office of the secretary of the exchange showing weights, condition of car, seal record, where unloaded, and kind of scale used for every car unloaded. These reports are furnished by weighmasters who are under bond.

Cars are inspected on the hold track by two inspectors, one from the grain exchange and the other furnished by the railroad.

Under this joint inspection when a car is found in bad order, both inspectors sign a bad order report in triplicate. The original goes to the shipper, the duplicate to the railroad and the third copy to the secy. of the exchange. The railroads do not dispute this evidence of leakage, thereby greatly facilitating the collection of claims.

A charge of 25 cents is made on every car for this inspection.

WHEAT must be moved to market before June 1st to get advantage of the Government's price guaranty.

Western Grain Dealers to Meet Apr. 1 and 2.

The annual convention of the Western Grain Dealers Ass'n will be held at Des Moines, Ia., Apr. 1 and 2, the Friday holiday making it convenient for many dealers to be away from their business.

Headquarters will be at the Hotel Fort Des Moines, the proceedings beginning at 10 a. m.

The Des Moines Board of Trade will entertain the grain dealers in attendance at the convention with a buffet luncheon to be served in the dining room adjacent to the convention hall and a smoker in the convention hall that evening, including music and vaudeville.

Prompt Repudiation of Confirmation Saves Loss.

The Parker Corn Co., of Kansas City, Mo., bot over the phone two cars of corn and mailed confirmation to J. C. Sexton, who immediately called buyer on the 'phone and denied he had sold "selected white ear corn at \$1.30 per bushel" as stated in the confirmation; but had sold "white soft corn which compared favorably with other corn theretofore sold by him." Sexton said he would not accept the statement of the contract as contained in the confirmation under any consideration.

The Parker Corn Co. then said that no change in the contract was meant by the confirmation, that the statement to which Sexton objected was merely for its convenience in keeping its record at its office. Thereupon Sexton filled the contract by making shipment; but the Parker Co. upon arrival of the corn shipped it back to Sexton, who refused to accept it.

Parker had paid drafts and brot suit, and the Kansas City Court of Appeals on Jan. 5, 1920, decided in favor of Sexton.

The court said: Now, a greater part of plaintiff's ground of complaint is based upon what we think is a misconception of the facts, at least as the evidence in defendants' behalf tends to show them. Plaintiff's statement of the law is based on the idea that defendants received its letter; that they accepted the statement therein contained and acted on such statement by shipping the corn. But such was not the evidence in defendants' behalf, which, in view of the verdict, we must accept as the fact. We have already said that defendants, instead of accepting the letter as stating the agreement made over the telephone, immediately rejected it (plaintiff agreeing) and shipped the corn as per the original agreement. That being true, plaintiff's statement of the law that a confirmatory letter acted upon by both parties was a withdrawal of the original proposition and itself became the contract does not find application to the case.

The position of the parties with respect to what we have written may be illustrated like this: Suppose two verbally agree that one shall sell the other grain of a certain description, and the other then hands him a writing which embodies a different description of the grain, and the one immediately calls attention to the change and rejects the writing, whereupon the other withdraws it and explains that he did not mean that there should be any change and for the one to go ahead on their agreement without regard to the letter, and he did so; could any one doubt that the letter was discarded and became as if never written?

But, aside from such considerations, it is observable on the record that there were other sales of corn to plaintiff, and that confirmatory letters or "yellow slips" purporting to state the contract differently from what defendants understood it were sent to defendants and by them immediately repudiated, when assurances followed that plaintiff did not mean to substitute a different agreement and defendants need not at any time give any attention to such slips, and that they were mere matters of form adopted by plaintiff in its general business. Plaintiff, Mr. Parker, did not deny this, contenting himself with saying, "I do not know."—217 S. W. 616.

A STATE-WIDE campaign to secure definite information on farm production costs by means of accounting work has been launched by the co-operation of the Michigan State grange and the Michigan Agricultural college.

THE BRITISH Food Ministry will be continued for five years, according to an announcement made on February 28.

George E. Ford Dead.

By the death of George E. Ford at Illiopolis February 25 the grain trade of Illinois loses one of its most public spirited members.

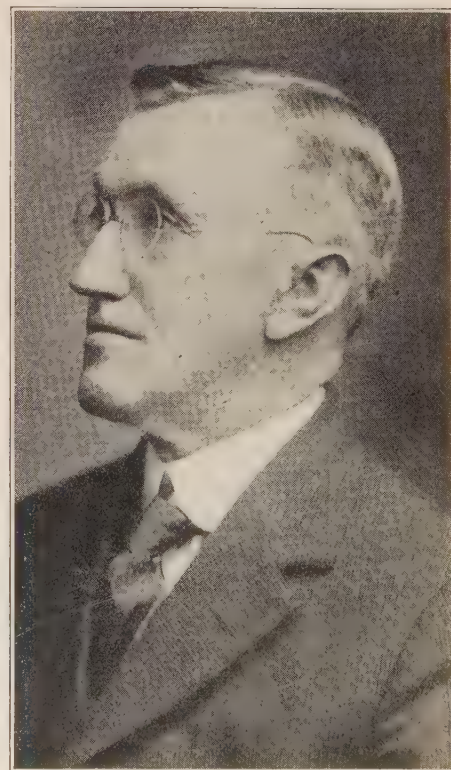
He began in business at an unusually early age, having been taken into partnership by his father, who operated an elevator at Illiopolis. He was born on a farm near that city December 28, 1857.

When his father, Aaron C. Ford, retired, the firm name became Ford & Smith, the latter disposing of his interest in 1890 to Lee G. Metcalf, who took active charge of the business. That year Mr. Ford organized the Farmers State Bank and acted as cashier until 1904 when the grain firm was dissolved, Mr. Ford taking the elevator at Illiopolis and Mr. Metcalf an elevator at Lanesville and a large crib at Buffalo.

Early in 1905 the Mansfield-Ford Grain Co. was organized, with Mr. Ford as one of the incorporators. He had ever since been identified with that concern, but since 1917 he had not taken an active part in the management of the business. His death leaves W. M. Close as the only survivor of the six original stockholders in the company, which has elevators in Illiopolis, Lanesville and Lake Fork. Of this company Mr. Metcalf is president, Mr. Ford having been manager.

Mr. Ford was a deacon in the Christian Church for many years and at the time of his death. Before the creation of a board of education he was for several years school director. He was president of the village board of trustees for two years. He is survived by two sons and two daughters, and his second wife.

On January 9 Mr. and Mrs. Ford had left for Los Angeles, Cal., to remain in the southern part of that state for the winter, hoping that Mr. Ford would recover from pernicious anemia, but for the two weeks preceding his death he was seriously ill, and died at a hospital at Los Angeles. The funeral services, which were held at his Illiopolis residence, were largely attended by Central Illinois grain men.



Geo. E. Ford, Illiopolis, Ill.
Deceased.

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome. Let us hear from you.

ILLINOIS.

Springfield, Ill., March 10.—The weather has been unfavorable for winter wheat. The crop has probably not deteriorated farther.—Clarence J. Root, meteorologist, U. S. Dept. of Agri.

Springfield, Ill., Mar. 3.—Wheat is in poor condition in the southern counties and has shown no improvement in the central and northern areas. Clover is being seeded in Logan County and some oats have been sown on the surface in Hancock County. In Union County the soil is ready for oats seeding. There is now a cover of snow only in near the northern border of the state.—Clarence J. Root, meteorologist, U. S. Dept. Agri.

KANSAS.

Oketo, Kan., March 8.—Wheat does not look very good, as it has been too dry. We need rain here. There was a short crop of corn last season.—E. T. Smith, mgr., Farmers Union Co-op. Ass'n.

Hutchinson, Kan., Mar. 4.—Wheat not in the best condition here. Yesterday's rain, accompanied with a strong wind and lower temperature probably did the crop more harm than good.—C. A. Lovell, sec'y J. Hausam & Co.

Sherwin Jct., Kan., March 4.—Wheat around this part of the country needs rain badly.—F. V. Ball.

MINNESOTA.

Clitherall, Minn., Mar. 5.—Crops in this locality were light during the past year.—Clitherall Grain Ass'n.

Callaway, Minn., March 5.—Crop was very light in this locality last year on account of insects.—Callaway Grain Co.

MISSOURI.

Jefferson City, Mo., March 10.—Condition of growing wheat 68% against 93% last March. The crop got off to a bad start in the fall with but little opportunity to improve, having had only light snow covering and a small amount of moisture. Wheat is looking as well as could be expected at this time. Improvement can be expected with seasonal weather. Soil condition is 36% normal with the ground dry and ready to work as soon as the season opens. Some plowing has been done and fall plowed ground will be in good condition as soon as warmer weather arrives.—Buro of Crop Estimates.

MONTANA.

Burns, Mont., March 5.—Very small crop in this locality last year. Crops were better in the irrigated section around Sydney, Mont.—Burns Grain Co.

NEBRASKA.

Ravenna, Neb., Mar. 1.—Winter wheat in fair condition this time of the year. It is a little early to forecast the outcome of the crop.—W. D. Gray.

OKLAHOMA.

Carmen, Okla., Feb. 29.—Wheat in this locality is about 90% of the normal crop.—H. M. Fulkerson, mgr., Carmen Grain & Supply Co.

Guthrie, Okla., Mar. 1.—After compiling 200 replies to inquiries covering entire of Oklahoma regarding acreage of growing wheat, condition of growing wheat and wheat in elevators and in farmers' hands, the following table shows the results: Percent acreage growing wheat compared last year, 55.6%; acreage sown last year, 3,798,000 acres; acreage sown this year, 2,011,688 acres; acreage sown early this year, 38%; average condition early sown wheat, 70%; average condition late sown wheat, 54.2%. Basing on figures above shown would indicate a yield of 17,680,000 bus. as against 52,640,000 bus. last year.—Sun Grain & Feed Co.

SOUTH DAKOTA.

Clark, S. D., Mar. 3.—There is a great tendency to plant more corn in this territory as the help question is bad. Corn does not take so much help to raise as other crops. Our corn crop was good here last year.—W. E. Henry.

TEXAS.

Canadian, Tex., Mar. 3.—Winter wheat is in need of rain or snow. Unless we do get moisture within the next few weeks the prospects are going to be very poor compared with last season. We would judge the wheat acreage compared with last year to be from 60 to 70%. If we should get rain or snow within the next few days there would be a good acreage of barley and oats sowed.—G. W. Ricks, A. Liske & Co.

Government Report on Farm Reserves.

Washington, D. C., March 8.—The Crop Reporting Board of the Bureau of Crop Estimates makes the following estimates from reports of its correspondents and agents:

Oats on Farms March 1, 1920, was about 422,815,000 bus. or 33.9% of the 1919 crop, against 590,251,000 bus. or 38.4% of the 1918 crop on farms March 1, 1919, and 599,208,000 bus. or 37.6% of the 1917 crop on farms March 1, 1918. About 25.7% of the crop will be shipped out of the counties where grown, against 27.4% of the 1918 crop and 32.3% of the 1917 crop so shipped.

Barley on Farms March 1, 1920, was about 38,010,000 bus. or 22.9% of the 1919 crop, against 81,746,000 bus. or 31.9% of the 1918 crop on farms March 1, 1919, and 44,419,000 bus. or 21.0% of the 1917 crop on farms March 1, 1918. About 34.8% of the crop will be shipped out of the counties where grown, against 39.0% of the 1918 crop and 39.7% of the 1917 crop so shipped.

Details for important States follow:

WHEAT.

| State. | Stock on farms March 1, In thousands of bus. | | Percentage of crop shipped out of Co. where grown. | |
|------------|--|---------|---|-------------|
| | 1920. | 1919. | 1919. | 1918. 1917. |
| N. Y. | 1,900 | 1,490 | 35 | 30 40 |
| Pa. | 6,683 | 5,366 | 39 | 40 40 |
| Md. | 1,600 | 1,475 | 55 | 60 60 |
| Va. | 2,627 | 2,520 | 25 | 30 36 |
| N. C. | 1,445 | 1,449 | 3 | 4 5 |
| Ohio | 10,344 | 6,532 | 56 | 55 50 |
| Ind. | 6,443 | 4,943 | 60 | 60 56 |
| Ill. | 7,224 | 5,118 | 59 | 60 58 |
| Mich. | 3,643 | 1,411 | 55 | 51 50 |
| Minn. | 8,673 | 16,674 | 60 | 65 60 |
| Iowa | 4,025 | 4,209 | 67 | 66 44 |
| Mo. | 6,946 | 5,847 | 60 | 60 55 |
| N. D. | 11,795 | 20,078 | 65 | 70 60 |
| S. D. | 6,940 | 14,297 | 70 | 70 69 |
| Neb. | 11,528 | 5,358 | 74 | 65 50 |
| Kan. | 36,240 | 4,080 | 75 | 65 45 |
| Ky. | 1,323 | 1,213 | 25 | 27 24 |
| Tenn. | 1,094 | 1,125 | 20 | 25 19 |
| Tex. | 4,702 | 270 | 50 | 15 40 |
| Okla. | 7,896 | 1,645 | 70 | 70 45 |
| Mont. | 2,897 | 4,494 | 22 | 50 50 |
| Colo. | 2,647 | 2,464 | 63 | 55 49 |
| Ida. | 2,619 | 2,838 | 57 | 60 66 |
| Wash. | 3,208 | 2,335 | 75 | 67 70 |
| Ore. | 2,050 | 1,523 | 70 | 60 62 |
| U. S. | 165,539 | 128,703 | 60.1 | 58.8 51.1 |

OATS.

| | | | | |
|------------|---------|---------|------|-----------|
| N. Y. | 10,945 | 23,247 | 2 | 6 3 |
| Pa. | 14,744 | 19,348 | 6 | 8 8 |
| Ohio | 17,113 | 26,928 | 28 | 33 30 |
| Ind. | 17,465 | 29,768 | 35 | 35 42 |
| Ill. | 43,071 | 77,357 | 45 | 50 57 |
| Mich. | 12,538 | 26,528 | 15 | 25 21 |
| Wisc. | 28,906 | 52,083 | 12 | 18 16 |
| Minn. | 33,359 | 56,516 | 20 | 28 26 |
| Iowa | 76,511 | 110,055 | 44 | 44 46 |
| Mo. | 11,860 | 15,911 | 16 | 20 32 |
| N. D. | 12,288 | 26,020 | 4 | 9 5 |
| S. D. | 21,996 | 37,576 | 30 | 35 35 |
| Neb. | 29,384 | 19,666 | 27 | 17 40 |
| Kan. | 15,480 | 14,347 | 8 | 6 22 |
| Tex. | 27,405 | 2,220 | 37 | 12 15 |
| Okla. | 16,335 | 5,616 | 20 | 11 10 |
| Mont. | 1,714 | 9,150 | 6 | 7 12 |
| U. S. | 422,815 | 590,251 | 25.7 | 27.4 32.3 |

BARLEY.

| | | | | |
|------------|-------|--------|----|-------|
| N. Y. | 622 | 1,221 | 8 | 15 10 |
| Ill. | 1,374 | 2,790 | 33 | 41 50 |
| Mich. | 1,170 | 2,430 | 15 | 9 9 |
| Wisc. | 3,799 | 9,913 | 22 | 28 34 |
| Minn. | 4,914 | 14,111 | 44 | 45 51 |
| Iowa | 2,169 | 5,931 | 45 | 46 50 |
| N. D. | 3,738 | 14,167 | 17 | 40 33 |
| S. D. | 5,005 | 14,072 | 51 | 60 50 |
| Neb. | 1,840 | 962 | 30 | 13 30 |
| Kan. | 5,832 | 1,510 | 32 | 9 6 |
| Mont. | 108 | 766 | 4 | 5 12 |
| Ida. | 1,170 | 1,112 | 15 | 10 17 |
| Utah | 101 | 235 | 10 | 11 10 |
| Wash. | 470 | 1,000 | 21 | 30 55 |
| Ore. | 869 | 658 | 37 | 26 45 |
| Cal. | 321 | 820 | 18 | 21 28 |
| U. S. | 2,400 | 6,864 | 55 | 50 45 |

Corn on Farms March 1, 1920, was about 1,092,095,000 bus. or 37.4% of the 1919 crop, against 855,269,000 bus. or 34.2% of the 1918 crop on farms March 1, 1919, and 1,253,290,000 bus. or 40.9% of the 1917 crop on farms March 1, 1918. About 16.3% of the crop will be shipped out of the counties where grown, against 14.5% of the 1918 crop and 22.1 per cent of the 1917 crop so shipped. The proportion of the 1919 crop which is merchantable is about 86.9% (equivalent to 2,535,130,000 bus.), against 82.4% (2,062,041,000 bus.) of the 1918 crop and 60.0% (1,837,728,000 bus.) of the 1917 crop.

Wheat on Farms March 1 was about 165,539,000 bus. or 17.6% of the 1919 crop, against 128,703,000 bus. or 14.0% of the 1918 crop on farms March 1, 1919, and 107,745,000 bus. or 16.9% of the 1917 crop on farms March 1, 1918. About 60.1% of the crop will be shipped out of the counties where grown, against 58.8% of the 1918 crop and 51.1% of the 1917 crop so shipped.

CORN.

| State. | Stock on farms March 1, In thousands of bus. | | Percentage of crop of merchant- able quality. | |
|-------------|--|---------|---|-------------|
| | 1920. | 1919. | 1919. | 1918. 1917. |
| N. Y. | 9,873 | 7,488 | 83 | 61 40 |
| N. J. | 4,752 | 4,563 | 82 | 88 83 |
| Pa. | 28,877 | 18,340 | 87 | 32 63 |
| Del. | 3,312 | 3,422 | 83 | 87 84 |
| Md. | 14,206 | 11,045 | 82 | 86 83 |
| Va. | 19,264 | 20,608 | 85 | 93 74 |
| N. C. | 8,497 | 7,208 | 82 | 50 61 |
| W. Va. | 24,795 | 31,815 | 85 | 85 84 |
| S. C. | 17,222 | 19,227 | 86 | 88 92 |
| Ga. | 32,848 | 37,179 | 85 | 86 89 |
| Fla. | 5,166 | 5,120 | 82 | 82 84 |
| Ohio | 61,864 | 37,584 | 86 | 81 45 |
| Ind. | 66,785 | 56,100 | 88 | 83 40 |
| Ill. | 114,380 | 123,966 | 90 | 86 55 |
| Mich. | 18,018 | 10,626 | 84 | 64 10 |
| Wisc. | 25,662 | 19,248 | 88 | 67 10 |
| Minn. | 33,040 | 34,472 | 89 | 81 37 |
| Iowa | 166,400 | 123,480 | 96 | 95 46 |
| Mo. | 45,069 | 36,142 | 80 | 73 75 |
| N. D. | 2,682 | 825 | 82 | 40 11 |
| S. D. | 27,360 | 37,944 | 94 | 91 54 |
| Neb. | 73,674 | 34,464 | 94 | 84 65 |
| Kan. | 19,421 | 6,964 | 83 | 64 61 |
| Ky. | 29,700 | 33,670 | 74 | 80 67 |
| Tenn. | 29,900 | 32,760 | 73 | 35 83 |
| Ala. | 30,165 | 32,599 | 82 | 85 89 |
| Miss. | 20,895 | 29,835 | 80 | 82 90 |
| La. | 9,712 | 8,640 | 76 | 70 80 |
| Tex. | 99,372 | 9,750 | 85 | 50 43 |
| Okla. | 24,552 | 2,790 | 88 | 60 52 |
| Ark. | 13,643 | 8,775 | 70 | 64 90 |
| Colo. | 3,922 | 3,202 | 85 | 89 72 |
| U. S. | 1,092,095 | 855,269 | 86.9 | 82.4 60.0 |

Farm Reserves.

The reserves of grains on the farms on March 1 were: Corn, 1,170,198,000 bus., or over 300,000,000 more than on March 1, 1919. Oats, 378,686,000 bus., or over 200,000,000 bus. less than on March 1, 1919. Wheat, 137,362,000 bus., or 81,000,000 bus. more than on March 1, 1919.

The estimated reserves of grains on the farms last year were: Corn, 855,911,000 bus.; oats, 588,421,000 bus.; wheat, 129,258,000 bus. In 1918 the reserves on the farm at this time were: Corn, 1,253,290,000 bus.; oats, 595,195,000 bus.; wheat, 108,368,000 bus.

The corn on the farms March 1 this year represents 40.1% of the crop, while that on the farms this time last year represented 34.2% of the crop, and the 1918 reserve amounted to 40.9% of the crop. Of the oat crop, 31.5% is on the farms now, compared with 38.5% in 1919 and 37.5% in 1918. Of the wheat crop, 14.6% is on the farms now, compared with 14.6% in 1919 and 37.5% in 1918.

A five-year average of grain on the farms March 1 from 1915 to 1920 shows that the average percentage of grain on farms March 1 to be 35% of the corn; 34.2% of the oats, and 17.7% wheat.

It is estimated that there are 30,000,000 bus. of corn in the elevators thruout the country and that the mills and elevators are holding 122,000,000 bus. of wheat.

From the wheat consumed to date, after allowing for seeding and export, it is estimated the average consumption of wheat per capita is 5 bus., an increase of 1/2 bushel over the 1919 average.—P. S. Goodman, Clement, Curtis & Co.

THE ABANDONMENT of farm life by men and boys during the last year for the city has left more than 24,000 habitable farm houses in the state vacant, according to estimates made public by Prof. G. F. Warren of Cornell university. His figures were based on a survey of nearly 4,000 representative New York farms which has just been completed by federal and state agricultural authorities.

Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

GEORGIA.

Rome, Ga., Mar. 6.—The grain movement is slackening up and the feeding season is about over.—S.

ILLINOIS.

Galt, Ill., March 2.—Grain is moving slowly on account of the price not satisfactory.—Geo. F. Hall, mgr. Agnew Farmers Elevtr. Co.

Chicago, Ill., Mar. 9.—Shipping conditions in this market are most distressing. Eastern lines have no empty cars to furnish to shippers. Western lines are refusing to let their cars be used for eastern shipment. In consequence many elevators are at a standstill. Some of the larger elevators yesterday did not handle a single carload of grain.—J. J. Stream.

KANSAS.

Atchison, Kan., March 4.—There is a good deal of corn back on the farm in this territory, partly because the farmers have wanted more money and partly because the car situation has been so bad. Since the first of March, however, the car situation has improved somewhat. There are any number of elevators that have a heavy stock of oats on hand to move as soon as the corn movement is over.—Sec'y Board of Trade.

MICHIGAN.

Lansing, Mich., March 9.—There was almost 2½ times as much wheat on the farms in this state March 1 as was at the corresponding time a year ago. Now there is 3,643,000 bus. or 18% of the wheat crop still in the farmers' hands against 13% of the 1918 crop on the farms March 1, 1919. There were 12,538,000 bus. of oats on farms March 1 or only about ½ as many as were on the farms a year ago. This low supply is due to the short 1919 oat crop. The barley crop last season was small and the amount left on the farms March 1 was 1,170,000 bus. compared with 2,430,000 bus. on the farms at the corresponding date a year ago. Altho the barley crop was light it has been more extensively used for feeding purposes this year than ever before.—Michigan Crop Reporting Service.

MISSOURI.

Jefferson City, Mo., March 10.—The amount of grain on the farms thruout this state are corn 29% and oats 31%.—Buro of Crop Estimates.

NEBRASKA.

Petersburg, Neb.—The farmers are not moving their crop owing to low prices and also now on account of the road blockade.—A. H. Brinkman, Petersburg Elevtr. Co.

OKLAHOMA.

Guthrie, Okla.—Reliable information from Texas and Kansas, basing on their figures, would show the following comparisons with last year: Kansas, 90,433,200 bus.; Texas, 6,270,000 bus.; Okla., 17,680,000 bus.; total, 114,383,200 bus. against 234,712,000 bus. last year. The reports show a total in elevators of 263,850 bus.; amounts to come in from farmers, 828,400 bus.; total, 1,092,250 bus. Out of the 300 inquiries sent out only 200 were returned, and if the average was about the same it would show total 1,633,375 bus. Our ideas are it should be near 5,000,000 bus. The Oklahoma mills grind an average of 100,000 bus. daily and without taking their stocks into consideration, but allowing that all wheat reported was milling wheat, it would last our mills about sixteen days.—Sun Grain & Feed Co.

Oklahoma, Okla., March 8.—Not since 1916 has there been such a large percentage of corn on farms on March 1. In that year, as in 1919-20, the shortage of cars made it difficult for the farmers to move their crops. A number of the northern counties have been forced to ship corn in to off-set their small production, but most counties had a surplus to ship out. The percentage of merchantable grain was greater than it has been since the 1915 crop and is estimated at 88%. In a number of counties the continued rains of last fall reduced the quality,

but for the most part there was more merchantable corn than usual. On account of the price guarantee, there was little object on the part of the farmer to hold his wheat and stand the shrinkage. But for the inability to ship, it is probable that there would be less than 15% remaining on farms at this time. On December 1, it was estimated that 27% of the crop was still on the farms, which indicates that 12% has been disposed of in the past three months. On March 1, 1916, when the farmers were holding their grain for better prices, 13% remained on the farms. It appears that 70% of the 1919 crop has been shipped out of the counties where grown as compared with 70% last year and 80% in 1916. The eastern and southern districts of the State, where much of the commercial crop is produced, retained almost a third of their crop of oats on March 1; the average on all farms was 33%. The percentage shipped out of the counties was 20%. The quality of the crop was better than the average and the production, 49,500,000 bushels, the greatest the State has ever produced. An unusually large amount of barley—30%—remained on farms on March 1; 1916 is the only year comparable when 25% of the crop remained in the hands of the farmers. The yield and quality of the 1919 crop were very good and met the expectation of those who have recognized it as one of the most dependable crops for Oklahoma.—Oklahoma Crop Reporting Service.

NEW YORK.

New York, N. Y., March 8.—Wheat receipts from farms for the week ending February 27 were 5,664,000 bus. against 2,889,000 bus. for the corresponding week a year ago. The total stocks of wheat in all elevators and mills on Feb. 27 were 182,625,000 bus. against 219,306,000 bus. a year ago. Exports of wheat and flour July 1st, 1919, to March 1st, 1920, amount to 88,723,000 bushels of wheat and 10,982,000 barrels of flour, making a total equal to 138,142,000 bushels of wheat, compared with 120,624,000 bushels of wheat and 17,374,000 barrels of flour last year to March 1st, 1919, making a total of 198,807,000 bushels of wheat. Last year's total flour exports include American Relief Administration and American Expeditionary Force shipments.—U. S. Grain Corporation.

THE ALLIES were urged to purchase their wheat from Russia and other countries in preference to the United States on account of the existing exchange rates, by Premier Lloyd George at a session of the Economic Section of the Allied Council.

Wheat Movement in February

Receipts and shipments of wheat at the various markets during February, as compared with February, 1919, were as follows:

| | Receipts | | Shipments | |
|---------------|-----------|------------|-----------|-----------|
| | 1920. | 1919. | 1920. | 1919. |
| Baltimore | 516,236 | 1,151,324. | 463,500 | 724,544 |
| Chicago | 2,231,000 | 2,812,000 | 3,141,000 | 627,000 |
| Cincinnati | 255,630 | 98,036 | 176,400 | 124,800 |
| Duluth | 230,515 | 936,282 | 431,579 | 472 |
| Ft. William | 2,929,467 | 4,801,827 | 1,762,396 | 173,275 |
| Galveston | 6,085 | 859,833 | ..... | ..... |
| Indianapolis | 188,500 | ..... | 75,400 | ..... |
| Kansas City | 4,213,350 | 1,291,950 | 3,821,850 | 3,875,850 |
| Milwaukee | 290,780 | 560,270 | 486,810 | 388,200 |
| Minneapolis | 6,628,770 | 5,715,020 | 609,080 | 614,140 |
| New Orleans | 1,330,719 | 184,310 | ..... | ..... |
| New York | 924,000 | ..... | 613,000 | ..... |
| Omaha | 720,000 | 549,600 | 776,400 | 682,800 |
| Philadelphia | 556,274 | 1,096,873 | 567,756 | 1,541,565 |
| San Francisco | 95,061 | ..... | 342,441 | ..... |
| St. Louis | 1,434,140 | 880,800 | 1,960,480 | 1,674,690 |
| Toledo | 313,600 | 190,800 | 199,940 | 116,370 |
| Wichita | 1,616,000 | 433,200 | 675,000 | 125,600 |
| Winnipeg | 4,447,975 | 4,043,750 | ..... | ..... |

Corn Movement in February

Receipts and shipments of corn at the various markets during February, compared with February, 1919 were as follows:

| | Receipts | | Shipments | |
|---------------|-----------|-----------|-----------|-----------|
| | 1920. | 1919. | 1920. | 1919. |
| Baltimore | 439,836 | 161,087 | 154,220 | 5,848 |
| Chicago | 7,759,000 | 3,714,000 | 2,715,000 | 1,964,000 |
| Cincinnati | 289,200 | 183,600 | 200,000 | 163,200 |
| Duluth | 1,109 | ..... | ..... | ..... |
| Ft. Wm. | 3,456 | ..... | 1,065 | ..... |
| Indianapolis | 2,223,000 | ..... | 1,526,000 | ..... |
| Kansas City | 1,758,750 | 1,422,500 | 646,250 | 1,292,500 |
| Milwaukee | 1,508,150 | 351,270 | 353,140 | 189,645 |
| Minneapolis | 927,810 | 836,940 | 609,080 | 614,140 |
| New Orleans | ..... | ..... | 41,920 | 60,308 |
| New York | 74,200 | ..... | 64,000 | ..... |
| Omaha | 2,588,600 | 1,535,800 | 1,888,600 | 1,904,000 |
| Philadelphia | 342,841 | 128,828 | 231,428 | ..... |
| San Francisco | 48,766 | ..... | 31,594 | ..... |
| St. Louis | 3,849,300 | 1,756,300 | 2,649,200 | 1,367,300 |
| Toledo | 87,450 | 49,500 | 56,945 | 83,510 |
| Wichita | 51,000 | 135,000 | 42,000 | 13,800 |
| Winnipeg | 1,000 | ..... | ..... | ..... |

Oats Movement in February

Receipts and shipments of oats at the various markets during February, compared with February, 1919 are as follows:

| | Receipts | | Shipments | |
|---------------|-----------|-----------|-----------|-----------|
| | 1920. | 1919. | 1920. | 1919. |
| Baltimore | 445,310 | 263,878 | 194,300 | 318,593 |
| Chicago | 6,841,000 | 4,346,000 | 3,645,000 | 3,493,000 |
| Cincinnati | 426,000 | 258,000 | 222,000 | 254,000 |
| Duluth | 21,843 | 16,420 | 91,494 | 34,642 |
| Ft. Wm. | 774,589 | 926,035 | 861,835 | 386,765 |
| Indianapolis | 1,558,000 | ..... | 1,280,000 | ..... |
| Kansas City | 1,033,600 | 1,353,500 | 712,500 | 1,069,500 |
| Milwaukee | 1,590,190 | 987,430 | 768,080 | 1,061,053 |
| Minneapolis | 1,237,750 | 1,882,720 | 1,178,530 | 2,341,340 |
| New Orleans | ..... | ..... | 56,690 | 301,200 |
| New York | 890,000 | ..... | 1,156,000 | ..... |
| Omaha | 1,374,000 | 1,438,000 | 1,380,000 | 1,656,000 |
| Philadelphia | 275,950 | 724,066 | ..... | 433,000 |
| San Francisco | 127,413 | 30,180 | ..... | ..... |
| St. Louis | 3,174,000 | 2,884,000 | 3,030,220 | 1,971,850 |
| Toledo | 176,300 | 334,500 | 81,165 | 281,360 |
| Wichita | 82,500 | 140,000 | 68,000 | 110,000 |
| Winnipeg | 3,851,250 | 1,102,500 | ..... | ..... |

Rye Movement in February

Receipts and shipments of rye at the various markets during February, compared with February, 1919 were as follows:

| | Receipts | | Shipments | |
|--------------|-----------|-----------|-----------|---------|
| | 1920. | 1919. | 1920. | 1919. |
| Baltimore | 2,434,332 | 28,501 | 1,722,830 | 472,630 |
| Chicago | 710,000 | 1,181,000 | 605,000 | 11,000 |
| Cincinnati | 2,400 | 13,200 | 3,600 | 14,400 |
| Duluth | 1,204,206 | 369,389 | ..... | ..... |
| Ft. Wm. | 53,894 | 44,872 | 451 | 10,305 |
| Indianapolis | 8,400 | ..... | 4,200 | ..... |
| Kansas City | 67,100 | 30,800 | 107,800 | 20,900 |
| Milwaukee | 263,220 | 235,150 | 268,950 | 21,225 |
| Minneapolis | 694,960 | 121,440 | 844,640 | 239,020 |
| New York | 407,250 | ..... | 927,000 | ..... |
| Omaha | 126,500 | 83,600 | 79,200 | 64,900 |
| Philadelphia | 366,136 | 561,293 | ..... | 404,142 |
| St. Louis | 14,300 | 13,200 | 48,080 | 20,420 |
| Toledo | 25,200 | 34,800 | 67,635 | 4,100 |
| Wichita | 30,000 | None | 3,000 | None |
| Winnipeg | 95,450 | 34,100 | ..... | ..... |

Barley Movement in February

Receipts and shipments of barley at the various markets during February, compared with February, 1919 were as follows:

| | Receipts | | Shipments | |
|---------------|----------|-----------|-----------|-----------|
| | 1920. | 1919. | 1920. | 1919. |
| Baltimore | 1,188 | 176,636 | ..... | ..... |
| Chicago | 968,000 | 2,052,000 | 370,000 | 1,359,000 |
| Cincinnati | 52,000 | 62,400 | ..... | ..... |
| Duluth | 39,287 | 22,293 | 900 | 27,705 |
| Ft. Wm. | 327,168 | 455,379 | 228,229 | 119,283 |
| Galveston | ..... | ..... | 132,583 | ..... |
| Kansas City | 157,500 | 378,000 | 84,500 | 213,200 |
| Milwaukee | 524,380 | 1,153,950 | 226,200 | 653,113 |
| Minneapolis | 592,110 | 2,148,160 | 516,910 | 2,852,750 |
| New Orleans | ..... | ..... | 365,583 | ..... |
| New York | 600,000 | ..... | 370,000 | ..... |
| Omaha | 30,600 | 208,800 | 21,600 | 408,600 |
| Philadelphia | 1,495 | 160,000 | ..... | ..... |
| San Francisco | 126,214 | 2,085,616 | ..... | ..... |
| St. Louis | 80,000 | 129,600 | 42,420 | 50,020 |
| Toledo | 2,400 | 9,600 | None | 8,790 |
| Wichita | 6,000 | 21,000 | 6,000 | 18,000 |
| Winnipeg | 774,900 | 417,150 | ..... | ..... |

Exports of Grain Weekly.

[From Atlantic and Gulf Ports, in Bus., 000 Omitted.]

| | Wheat. | | Corn. | | Oats. | |
|---------------|----------|----------|----------|----------|----------|----------|
| | '19-'20. | '18-'19. | '19-'20. | '18-'19. | '19-'20. | '18-'19. |
| July 5..... | 1,504 | 539 | 20 | 910 | 698 | 2,187 |
| July 12..... | 3,851 | 382 | 23 | 731 | 1,617 | 1,841 |
| July 19..... | 3,393 | 144 | 93 | 571 | 757 | 2,482 |
| July 26..... | 1,112 | 413 | 45 | 103 | 1,142 | 2,581 |
| Aug. 2..... | 3,067 | 543 | 9 | 219 | 2,319 | 2,614 |
| Aug. 9..... | 3,651 | 1,419 | 74 | 182 | 891 | 1,656 |
| Aug. 16..... | 2,620 | 1,809 | 44 | 673 | 1,584 | 1,437 |
| Aug. 23..... | 4,445 | 3,504 | 67 | 135 | 2,141 | 1,438 |
| Aug. 30..... | 6,072 | 2,938 | 264 | 253 | 1,576 | 1,027 |
| Sept. 6..... | 3,848 | 3,452 | 118 | 153 | 1,474 | 1,125 |
| Sept. 13..... | 7,475 | 3,739 | 42 | 375 | 1,411 | 2,356 |
| Sept. 20..... | 6,343 | 4,409 | 148 | 145 | 1,358 | 3,657 |
| Sept. 27..... | 4,690 | 5,088 | 29 | 289 | 557 | 2,914 |
| Oct. 4..... | 5,917 | 5,532 | 33 | 153 | 1,422 | 2,704 |
| Oct. 11..... | 2,485 | 4,078 | 28 | 52 | 1,007 | 2,439 |
| Oct. 18..... | 2,830 | 4,200 | 18 | 38 | 1,164 | 4,478 |
| Oct. 25..... | 2,920 | 4,143 | 9 | 31 | 131 | 5,086 |
| Nov. 1..... | 2,458 | 2,513 | 10 | 36 | 406 | 2,934 |
| Nov. 8..... | 3,856 | 4,117 | 23 | 5 | 1,017 | 3,005 |
| Nov. 15..... | 5,994 | 3,471 | 69 | 5 | 593 | 3,836 |
| Nov. 22..... | 4,629 | 4,005 | 21 | 140 | 957 | 3,661 |
| Nov. 29..... | 3,781 | 7,560 | 39 | 114 | 108 | 3,335 |
| Dec. 6..... | 6,226 | 10,900 | 16 | 159 | 877 | 3,267 |
| Dec. 13..... | 3,674 | 7,740 | 16 | 220 | 904 | 3,288 |
| Dec. 20..... | 4,639 | 3,674 | 10 | 11 | 540 | 1,836 |
| Dec. 27..... | 2,522 | 4,765 | 25 | 208 | 159 | 1,873 |
| Jan. 3..... | 5,161 | 3,600 | 46 | 61 | 394 | 2,198 |
| Jan. 10..... | 4,854 | 4,404 | 62 | 104 | 306 | 3,206 |
| Jan. 17..... | 3,650 | 5,013 | 106 | 119 | 155 | 3,100 |
| Jan. 24..... | 1,980 | 3,661 | 188 | 113 | 380 | 3,155 |
| Jan. 31..... | 1,992 | 1,884 | 84 | 28 | 731 | 558 |
| Feb. 7..... | 1,374 | 2,947 | 234 | 418 | 643 | 840 |
| Feb. 14..... | 2,018 | 5,654 | 207 | 120 | 926 | 1,315 |
| Feb. 21..... | 1,932 | 3,209 | 138 | 37 | 125 | 1,298 |
| Feb. 28..... | 867 | 3,914 | 145 | 109 | 382 | 851 |
| Mar. 6..... | 2,324 | 1,543 | 368 | 59 | 269 | 1,261 |
| Total since | ..... | ..... | ..... | ..... | ..... | ..... |
| July 1..... | 130,194 | 131,932 | 2,871 | 7,079 | 31,114 | 86,459 |

Seeds

SIoux CITY, IA.—The Sioux City Seed Co. has increased its capital stock from \$500,000 to \$1,000,000.

BUFFALO, N. Y.—George P. Riley of the Whitney-Eckstein Seed Co. is in Orlando, Fla., trying to regain his health.

HARLAM, MONT.—James Rennel sold his 1919 crop of alfalfa seed for \$12,000 and now claims the title "alfalfa king."

RANDOLPH, N. Y.—W. A. Milks, for many years proprietor of the Randolph Seed Co., this city, passed away recently. Death was caused by heart trouble.

SEED of cereal crops gave an increased yield of 25% grain and 30% straw when immersed in a three per cent solution of ammonium nitrate for from 12 to 14 hours in experiments performed by C. Rossi of Milan.

WAPAKONETA, O.—The Ohio Seed Co., a newly organized concern has purchased a building in this city near the T. & O. C. depot. After it has been remodeled it will be used for the sale of seeds, feeds and seed potatoes at wholesale.

MANITOBA FARMERS may borrow \$2,500 from their municipality to assist them in the purchase of seed grain for their 1920 crop. There are 110 municipalities in Manitoba, each to have the power to borrow \$60,000 from the province.

THE ARKANSAS Seed Growers Ass'n met at Little Rock Feb. 25 to 27. According to the sec'y, L. W. Osborne, almost all of the seed used in Arkansas is shipped in from the north, and as there is no seed legislation in that state a large amount of unadapted seed has come in. The purpose of this ass'n is to find out the proper seeds for use in Arkansas.

LANSING, MICH.—We expect to increase our capital stock from \$50,000 to \$250,000 and erect an elevator to handle seeds, feeds and feeding grains and wool. At present we are in the local seed and feed business and mail order seed business which covers the whole state and have outgrown our present quarters. The officers of this organization are H. E. Saier, pres., and mgr. E. Schubel, H. Saier, v. pres.; Dr. E. W. Schubel, sec'y and C. Higgs, treas.—H. E. Saier, pres. Harry E. Saier Co., Inc.

FREE SEEDS will be cut from the congressional distribution, the senate agricultural com'te having stricken the item out of the appropriation bill. Seeds are the least item of expense to the grower of any garden crop; and no professional market gardener, who works for the money there is in it, would think of sowing the government seeds. The only grower who will waste labor, land, time and fertilizer on the packets of government seeds received from

his congressman is the amateur gardener. Deprived of the congressional seeds the amateur grower will turn to the reliable seedman for just the kinds he needs and get satisfactory crops.

TOLEDO, O.—Unless all signs fail an enormous amount of timothy will be used in this country alone. Canada will take it, and so will Europe. Foreign exchange has worked into a better position this week and helps in the making of new business. Looks like timothy is in a better and healthier position than for a long time, and prospects for bins to be nearly emptied before another crop is available. Nobody particularly interested in lower values, unless a few sell the May playing for a break. They will probably run on the first show of real strength.—J. F. Zahm & Co.

TOLEDO, O.—Good deal of liquidation of timothy, especially early in the week. Several thousand bags delivered on contract. Much of it went into strong hands. Dealers had March bought and accepted delivery. Liberal shipments expected from now on. Some trading over of March to April and May at ruling differences. Good deal of timothy offered this week, especially from Northwest. Seed houses have been picking it up at wide discounts and selling futures against it, expecting to make deliveries. Offerings have been well absorbed.—Southworth & Co.

TOLEDO, O.—Watch pit conditions. They are very important on March clover. Longs are mostly scattered. Some will take delivery but many will sell out or change over to April or October at the discount. Shorts are mostly hedgers. They will either deliver the cash or sell it outside and cover their March sales here. Low point this week was 2.80 off the season's high point. Wintry weather caused some liquidation by longs. Hedgers were the chief buyers. Stock here is below normal for March. Will we have a mild or chilly March? Weather will largely decide the demand this month. April demand is frequently good, especially when the season is late. Demand will be somewhat restricted by high prices and liberals imports but farmers have money and cannot afford to let their high priced land deteriorate. Trade in October seed continues light. Growing weather needed to tell what the crop prospect is.—C. A. King & Co.

No More Free Seeds.

A quarter of a million dollars will be saved in taxes thru the action of the senate com'te on agriculture in eliminating the appropriation for the congressional free distribution of seeds.

This praiseworthy action calls attention to the possibilities of similar economies in other directions. Many an appropriation that has run into millions and tens of millions of cost to the taxpayers has originated from an idea that did possess some merit. The thought that some few farmers would be greatly benefited by new seeds or flowers was run into a waste of millions of dollars. The thought that a few thousands of men returning from war might be out of work led the federal employment service to ask for some \$14,000,000, when the need that has developed is not for jobs but for the men to fill them. Employers in the United States are spending \$30,000,000 in advertising annually trying to hire men away from one another.

The thought that the federal government might educate and train maimed soldiers in a gainful occupation was a beautiful one; but the taxeaters have gotten \$21,000,000 for this purpose and have trained only 217 men. An ultimate expense of over \$200,000,000 for this purpose is contemplated. In December alone this vocational training board paid out

in salaries \$386,807 to 3,242 employes, and but \$139,335 in tuition for the training of 21,537 disabled soldiers.

The thought that the farmer might be benefited by knowing the market prices and the demand at consuming points had some merit, but has been used to get millions out of the federal treasury to pay rent for market offices in different cities and the salaries of the statisticians and a big bill for printing market reports, yet none of the supposed beneficiaries would be willing to pay postage to have their names continued on the mailing list.

A Big Shipment of Alfalfa Seed from Turkestan.

The Courteen Seed Co., of Milwaukee, Wis., has just accomplished one of the most remarkable strokes of business enterprise in the history of the seed trade.

This company early last fall realized the very serious shortage in the crop of alfalfa seed in the United States, this shortage ranging from 50 to 65 per cent.

S. G. Courteen, pres. of the company gives the following interesting account of this transaction:

Having a correspondent in Vladivostok, Russia, who had represented us before, we immediately began negotiations with the larger banks in that city, who were carrying a very large quantity of that seed for account of merchants in Turkestan, who were then in the hands of Bolsheviks, and who had no opportunity of communicating with the banks who held their property in trust against advances made.

We were, however, in position to offer them such a figure, which was so far in excess of what the owners had originally anticipated, that the bankers took it on themselves to sell us the merchandise.

Having, as we thought, completed the negotiations and closed the transaction, we chartered the steamer Delight to load same, but for some reason, at the present time unexplainable, the Omsk government stepped in and seized this merchandise just as they were ready to load same to the steamer. We understand they gave as a reason that they would sell same for account of owners, paying the bankers and retaining the surplus money in trust.

We again purchased the seed, this time from the government, paying them an advance of approximately \$35,000 to \$40,000. Unfortunately this delayed movement of the seed to this country very considerably. Fortunately, however, the S. S. Waban arrived with the merchandise Feb. 29, at Portland, Ore., where our representatives at the present time are busily distributing said seed to our various customers all over the United States. Every indication at the present time points to the entire quantity being consumed this spring; in fact, the major portion of same has already been merchandised.

The entire consignment consists approximately of 1,600 long tons, which together with ocean freight charges, represents a valuation of approximately \$1,000,000, which we believe the largest single shipment of agricultural seed ever received on one steamer in the United States, or ever handled by one agricultural seed house in the United States, and simply brings to the fore the importance of Milwaukee as a large distributing point for all grass and farm seed, especially clovers.

Turkestan alfalfa, on account of the conditions under which it is grown, is especially adapted to all our central and northwestern states, where it has been used with gratifying results for the past thirty years, it being hardy, prolific and compares favorably with alfalfa seed grown in any of our northwestern states.

Seed Movement in February

Receipts and shipments of grass seed to and from the principal markets during February, compared with February, 1919 were as follows:

| | FLAXSEED. | | Shipments | |
|-------------------|-----------|-----------|-----------|-----------|
| | 1920. | 1919. | 1920. | 1919. |
| Chicago, bus. | 100,000 | 76,000 | 24,000 | 1,000 |
| Duluth, bus. | 101,716 | 79,916 | 50,791 | 93,083 |
| Ft. Wm., bus. | 48,058 | 133,164 | 116,683 | 74,118 |
| Milwaukee, bus. | 1,720 | 21,120 | 43,560 | 4,500 |
| Minneapolis, bus. | 362,240 | 472,890 | 19,700 | 97,990 |
| St. Louis, bus. | 18,610 | ..... | 16,510 | ..... |
| Winnipeg, bus. | 97,000 | 112,000 | ..... | ..... |
| TIMOTHY. | | | | |
| Chicago, lbs. | 3,381,000 | 2,234,000 | 3,736,000 | 3,178,000 |
| Milwaukee, lbs. | 343,211 | 90,000 | 162,088 | 227,846 |
| Toledo, bags | 6,851 | 9,866 | 6,534 | 6,953 |
| CLOVER. | | | | |
| Chicago, lbs. | 2,557,000 | 1,012,000 | 1,619,000 | 1,139,000 |
| Milwaukee, lbs. | 628,436 | 175,779 | 460,920 | 218,120 |
| Toledo, bags | 2,504 | 3,842 | 5,010 | 6,328 |

From the Seed Trade.

CLARK, S. D.—I have seen a few nice fields of red clover in this section but there is not much produced. There is some timothy raised here but the majority of farmers prefer to raise alfalfa as this is a great alfalfa country. There is considerable non-wilt flax sown here on old ground. Nearly all the new ground broken is seeded to flax for the first crop.—Wm. E. Henry.

RICHMOND, VA.—Trade in grass and field seeds has been somewhat limited this season, due in our opinion to scarcity of farm labor, and the higher prices that are asked for seeds, those buying seem to order less quantities than usual. Altogether we consider our volume of seed business somewhat less than the average, although in dollars and cents it would seem to be equal to normal business.—S. T. Beveridge & Co.

Southern Seedsmen's Home.

Montgomery is the home of the Southern Seedmen's Ass'n, an organization, as the name implies of the leading dealers in field and garden seeds in all states south of the Mason and Dixon line. The association came into existence in May, 1918, at the first meeting held at Birmingham. At that time there were only fifteen members, while the membership list now numbers one hundred and twenty-five.

The association has been a remarkable success from every angle. The benefits of being organized and capable of bringing stress to bear by concerted effort to correct differences between seedsmen, have more than repaid the seed dealers for organizing. Trade customs and practices of the Southern dealers have been considered in planning their uniform rules and regulations, and this has helped the seed trade in all parts of the country. Seeds native to the South, such as Johnson Grass, Texas Rust Proof Oats, Fulghun oats, Japanese cane, prolific corn, chufa, velvet beans, crimson clover, peanuts, beggar weed and a dozen others, have been given wide publicity by the Ass'n.

At the last regular meeting, almost a year ago now, the following officers were elected, Louis B. Reuter, New Orleans, Pres.; E. A. Martin, Jacksonville, 1st Vice-Pres.; R. B. Buchanan, Memphis, 2nd Vice-Pres., and Frank S. Love, Montgomery, Sec'y and Treas. The Executive Com'te consists of the following: E. A. Martin, Jacksonville; F. S. Love, Montgomery; Dick O'Bannon, Claremore, Okla.; G. B. McVey, Birmingham; L. B. Reuter, New Orleans. The Membership com'te includes the following: C. O. Wilcox, Louisville; D. R. Mayo, Knoxville; H. G. Rheney, Charleston; R. H. Lee, Ft. Smith, and H. D. McMichael, Tampa.

The next meeting of the Ass'n is to be held at Jacksonville, Fla., June 7, 8 and 9. New officers will be elected for the year and other matters of interest to the seed trade will be discussed and action taken where deemed necessary.

Mr. Love conducts the duties of Secretary and Treasurer of the Ass'n from his office in the seed department of Greil Bros., Montgomery.

THE FOOD AND DRUGS Act requires that food in package form shall bear a statement of the quantity of the contents at the time it is offered for interstate shipment or otherwise comes within the jurisdiction of the act. Because of variations in weight which may occur before shipment, a statement of "net weight when packed" is not necessarily a statement of the net weight when offered for shipment. Allowance should be made in packing products which are liable to change in weight, so that the declaration of net weight will be true at the time the article becomes subject to the operation of the law.

Plant Importation Prohibited by Quarantine.

A quarantine effective Feb. 21, was placed by the Sec'y of Agriculture upon the importation into this country of the plants of Indian corn and related grasses in the raw or unmanufactured state.

Broom corn for manufacturing purposes will hereafter only be admitted under permit and then only when in such a condition that it can be thoroly disinfected at the port of entry.

The related plants falling under this order are sweet sorghums, grain sorghums, sugar cane, Sudan grass, Johnson grass, pearl millet, Napier grass, Teosinte, and Job's tears. Sorghum hay from Canada and the shelled or thrashed grain, from any country, of the plants included in the quarantine are not affected.

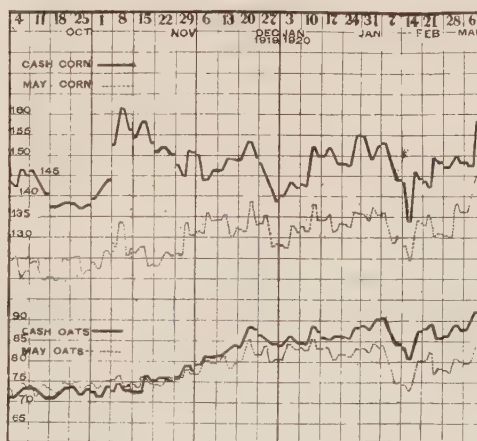
The reason for this order, says the Department of Agriculture, is that it has been definitely proven that the European corn borer, that now exists in certain eastern states, reached this country thru the medium of imported broom corn.

The first large shipment of broom corn to reach this country since the war arrived during February at New York from Italy. Ninety-seven bales of this corn was infected with the corn borer.

The survey indicated, Prof. Warren explained, that three men had left the farm for every one returning. He said that about 35,000 men and boys left farming to go into other industries and about 11,000 went from other industries back to the farm, making a net loss to the farms of 24,000 persons.

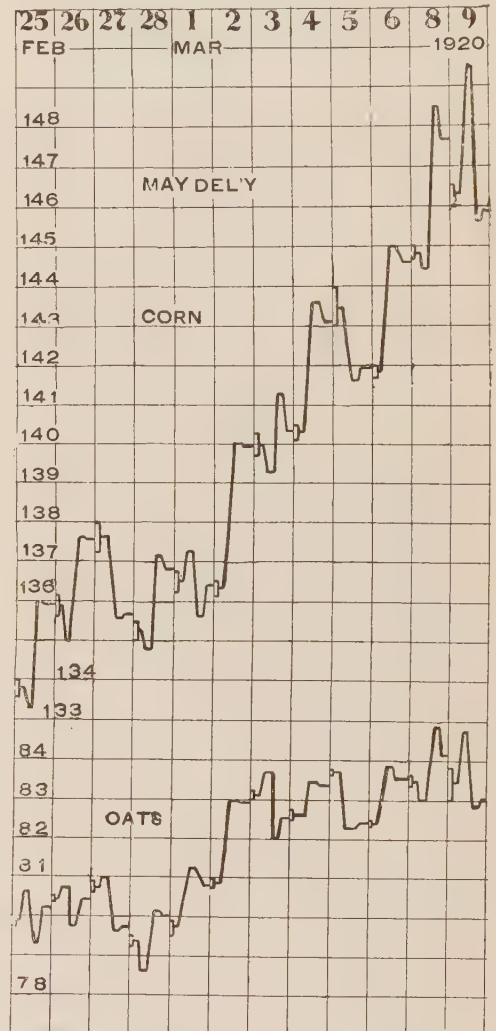
Cash Corn and Oats Fluctuations from Sept. 29 to Mar. 6.

Opening, high, low and closing average prices of No. 2 mixed corn and No. 2 white oats at Chicago each week are given on the chart herewith. The daily average is used in charting; actual prices were made each day several cents above or below extreme charted. The May future is shown by the dotted line for comparison.



Chicago Futures

Opening, high, low and close on corn and oats for the May delivery at Chicago for two weeks past are given on the chart herewith.



"NATURE did her best for this part of South Russia," said Captain Josiah Alkire, of New Mexico, who has been distributing Red Cross medical supplies to Caucasian hospitals. "The earth is a black loam that goes from four to twenty feet in depth. Artificial fertilization is unknown in almost all parts of the country. Crop after crop is gathered without giving the soil rest or artificial stimulant. "The topography of the country is excellent for grain raising. Like the Middle West of America, it is rolling and well-watered. But modern means of cultivation are lacking. In many places oxen and centuries-old methods of threshing are still the vogue.

Daily Closing Prices.

The daily closing prices for oats and corn for May delivery at the following markets for the past two weeks have been as follows:

| | Feb. 25. | Feb. 26. | Feb. 27. | Feb. 28. | Mar. 1. | Mar. 2. | Mar. 3. | Mar. 4. | Mar. 5. | Mar. 6. | Mar. 8. | Mar. 9. |
|------------------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| MAY OATS. | | | | | | | | | | | | |
| Chicago | 80 1/4 | 80 3/8 | 79 5/8 | 80 | 80 3/4 | 82 1/8 | 82 1/2 | 83 3/8 | 82 3/8 | 83 1/4 | 84 1/8 | 83 |
| Minneapolis | 79 1/4 | 79 | 78 3/8 | 78 7/8 | 79 1/4 | 81 1/4 | 80 3/8 | 81 1/2 | 80 3/8 | 81 3/8 | 82 | 80 3/4 |
| St. Louis | 82 3/4 | 82 3/4 | 82 1/2 | 82 | 82 3/4 | 85 | 84 1/2 | 85 | 85 1/4 | 85 1/2 | 86 1/2 | 86 |
| Kansas City | 80 3/8 | 80 1/4 | 79 3/4 | 79 3/8 | 80 3/4 | 83 1/4 | 82 1/2 | 83 3/8 | 82 1/2 | 83 3/4 | 84 3/8 | 83 3/4 |
| Milwaukee | 80 1/4 | 80 3/8 | 79 3/4 | 80 | 80 3/4 | 82 1/2 | 82 5/8 | 83 1/2 | 82 1/2 | 83 5/8 | 84 3/8 | 83 1/4 |
| Winnipeg | 95 1/2 | 95 5/8 | 95 | 95 1/2 | 95 5/8 | 97 1/4 | 96 7/8 | 97 3/4 | 96 3/4 | 97 | 97 3/4 | 97 3/4 |
| MAY CORN. | | | | | | | | | | | | |
| Chicago | 135 1/2 | 137 1/2 | 135 1/2 | 136 3/4 | 136 3/4 | 139 7/8 | 140 1/4 | 143 | 141 1/2 | 144 1/2 | 147 1/2 | 145 7/8 |
| St. Louis | 137 1/2 | 138 3/4 | 137 1/2 | 138 1/2 | 138 3/4 | 141 1/4 | 141 1/4 | 143 3/4 | 143 | 146 1/4 | 148 3/4 | 147 5/8 |
| Kansas City | 135 1/2 | 136 3/4 | 135 | 136 1/4 | 135 3/4 | 138 3/4 | 138 3/4 | 141 1/4 | 139 7/8 | 142 1/2 | 145 1/4 | 143 1/2 |
| Milwaukee | 135 1/2 | 137 1/2 | 135 1/2 | 136 3/4 | 136 3/4 | 139 7/8 | 140 | 143 1/4 | 142 1/2 | 145 1/2 | 147 1/2 | 146 |

ALABAMA'S

Growing Grain Trade

For nearly seventy-five years the principal staple crop of Alabama has been cotton. Diversification and rotation of crops has been preached thruout the state for many years, but it has only been in the last decade that the farmer has heeded the preachings of those advocating general farming. The result is that Alabama now ranks first in variety of products raised on the farm.

Cotton is still the largest crop of the state, but last year the acreage devoted to corn exceeded that devoted to cotton. However, bad weather in the fall upset the predictions for 100,000,000 bus. crop. The chances are, with cotton soaring in price, that crop will still be the ranking money-crop of the state.

Regardless of the fact that Alabama suffered considerable loss in its corn crop last year, the state is fast developing into a corn producing section. The yield of corn has increased from 40,000,000 bus. a few years back to 80,000,000 bus. in 1918, and 62,843,000 bus. in 1919. The yield per acre has advanced from twelve to nineteen bushels as an average, showing that the land is becoming more adaptable from year to year, and in some scattered instances phenomenal yields of 200 bus. per acre have been made on fertile patches under concentrated effort. W. L. Dunson, of Alexander City, holds the world's title of champion corn grower, having raised 232 bushels on one acre of alluvial sandy loam soil. Until war-times most of the corn raised in Alabama was raised in the southern portion and the greater part of it consumed locally, but upon the government's request to push production of corn, Northern Alabama raised, not only enuf to supply its own needs, but had a surplus of over 400 cars for shipment to other parts of the country.

The state's possibilities are clearly demonstrated by the record corn yield per acre produced in the Central and Southern sections, as well as the performance of the Northern Alabama farmers in raising a large surplus during the war. The production has more than doubled in the past nine years and it is well to suppose that it will double again within the next nine. The price of corn in Alabama is always the price in Northern States, plus the freight rate and commission charges. That feature appeals to the farmer, as well as the fact that it can be planted any time from March to June and a crop matured without fear of frost.

Oats form one of the state's finest grazing crops. In a few counties it winter-kills, and it is not only threshed, but cutting in the dough state and utilizing both the grain and the stalk for hay is a popular practice. In 1918 over 8,125,000 bus. were threshed and the crop valued at \$9,204,000. The 1919 production was 6,700,000 bus.

Alabama has never been, and probably never will be, considered a wheat producing state, and yet in 1919 there were only nine counties in the state that did not produce some wheat. It is not planted extensively because there are so many other crops yielding better returns. The crop for 1919 was 1,242,000 bushels.

Alabama leads the nation in peanut production. The peanut crop is handled similar to the grain crops, the country elevators being used, where available, for elevating the nuts and special machines for shelling them.

One elevator in the southeastern part of the state specializes on corn and peanuts and has equipment for shelling both commodities. Of the entire peanut crop of the United States Alabama produces one-third.

Velvet Bean Feeds.

The Velvet bean is native of the South and Alabama. As a feedingstuff the farmers of the South think the Velvet bean has no equal. They claim it to be the one crop giving general all-around satisfaction from every standpoint. The beans are usually planted between rows of corn in order that the vines may have something to climb on and support the large crops made. Cultivated at the same time the corn is, and after the ear corn is gathered, the usual practice is to allow the cattle and hogs to graze on the beans and corn the entire winter. The feeding value of the velvet bean is so high, however, that mills for grinding the crops gathered have sprung up all over the state, and the few samples of velvet bean meal sent into Northern States have created a large demand for that meal. The mills of the state are grinding ear-corn, velvet beans, vines, pods and stems making practically a perfectly-balanced feed ration.

At the present time about 1,300,000 acres of Alabama land are devoted to hay yearly, not including peanut vine. A conservative estimate of the amount of hay to be produced this year in the state is put at 1,500,000 tons. The products from which hay is produced include the following: Johnson grass, alfalfa, cow peas, soy beans and sorghum.

The Black Belt of Alabama produces practically all of the alfalfa, most of the Johnson grass and all of the melilotus hay. Cow peas and soy beans are generally used as second crops after wheat or oats, they have excellent feeding value and are claimed to be soil improvers.

The total value of Alabama's field crop production for 1919 is \$394,424,000, according to Bureau of Crop Estimates. This compares with \$354,278,000 for the same crops produced in 1918.

The following statement shows the acreage and production of the crops which were gathered from the farms of Alabama in 1919:

| Crop. | Acres. | Production. |
|---------------------|-----------|-------------|
| Corn (bus.) | 4,324,000 | 62,843,000 |
| Cotton (bales) | 2,803,000 | 715,000 |
| Peanuts (bus.) | 380,000 | 6,680,000 |
| Velvet beans (tons) | 518,000 | 259,000 |
| Hay (tons) | 1,402,000 | 1,402,000 |
| Cowpeas (bus.) | 408,000 | 2,315,000 |
| Oats (bus.) | 372,000 | 6,696,000 |
| Wheat (bus.) | 138,000 | 1,242,000 |
| Soybeans (bus.) | 7,000 | 66,000 |
| Rye (bus.) | 4,000 | 38,000 |
| Rice (bus.) | 600 | 16,000 |

The following statement shows the acreage of crops grown but not harvested in 1919:

| | Acres. | Value. |
|---------------------|---------|--------------|
| Velvet beans | 811,000 | \$12,165,000 |
| Peanuts | 432,000 | 15,984,000 |
| Cowpeas | 172,000 | 3,446,000 |
| Oats (not threshed) | 131,000 | 2,423,000 |
| Soybeans | 78,000 | 2,184,000 |

The state is divided, geographically, into 6 main divisions, giving a variety of soil, temperature and altitude. The general divisions are: (1) the Tennessee Valley, extending along the Northern boundary of the state and watered by the Tennessee River, (2) the Mineral Sections, being the mountainous and mineral regions in the northern part of the state just south of the Ten-

nessee Valley, (3) Central Alabama, including a large portion of the cotton-producing area and comprising plantations, live-stock and general farms, (4) the Black Belt, a section in Western central Alabama where the soil is rich alluvial deposits and limestone formation (5) the Cut-Over Section, the southern portion once covered with pine trees, now being developed along agricultural lines, and (6) the Gulf Coast, a small division tributary to Mobile.

Building Grain Elevators in Alabama.

Having finally realized their opportunities for producing surplus food and feed crops, the farmers of Alabama have begun to figure on markets for their products. This is especially true of corn, and the Agricultural and Marketing Com'te of the Birmingham Chamber of Commerce realized that proper handling facilities were necessary that the farmers might secure the best prices possible.

By a series of educational lectures, thru the State this Com'te, headed by T. Park Hay, Jr., and representatives of the Southern Bell Telephone Co., have been instrumental in the erection of several modern grain elevators, equipped for handling and shelling corn. The work has proved a tremendous success, and a comparison was recently made between two corn producing counties of Alabama, one with an elevator and one with no grain handling facilities whatever. In Dale county it was found that few of the farmers hauled their corn to market, because they really had no market, while those who had troubled themselves to haul their corn to Ozark, the logical market center for that county, had to dispose of it for merchandise, the farmer receiving about 80 to 90 cents per bushel for his corn. In Houston, the adjoining county, the farmers hauled their corn to the elevator at Dothan, where they received \$1.45 to \$1.80 per bushel, that being the prevailing market price.

It takes only one example of this kind to make the farmers realize the benefits derived from building elevators and having a place to store and condition their corn so it will bring top prices. The elevator movement is now well under way, 5 elevators having been built during 1919. The number to be built in 1920 promises to be large, for the farmers in Northern Alabama as well as Southern have become interested in the subject.

Elevators are now located at the following towns: Birmingham (5), Mobile, Montgomery, Eufaula, Dothan, Tuscaloosa, Talladega, Decatur, one being under construction at Huntsville and Plain Rock. There are numerous mixed feed mills in the state also operating small elevators in connection, but the ones mentioned above are those built for handling Alabama grown products, particularly corn.

Alabama produced in 1919 field crops valued at \$394,424,000, yet the state spent more than \$110,000,000 in other sections for food. In view of the above figures, the State is now developing its own market facilities to enable them to purchase home grown grain, and other food commodities and purchase them at a cheaper price, and at the same time to keep the money in circulation in Alabama that has annually been spent in other sections of the country for food products.

Birmingham's Grain Trade

The Birmingham Market.

Birmingham, the youngest, and yet one of the largest cities in the South, is progressing rapidly as a grain distributing center. Its growth as a grain and feed distributing point is no more phenomenal than the growth of the city. It has been steady and constant. Birmingham now has five grain elevators, more than any other city south of Tennessee, with the exception of New Orleans. In addition to these five grain handling plants, there are eleven grain and feed jobbers operating thru warehouses, and conducting a local distributing business, receiving car lots of sacked grain, feed and flour from Northern and Western Markets. The grain firms are well organized and hold weekly meetings of the Birmingham Grain Exchange. The licensed Grain Inspector, employed jointly by the Chamber of Commerce and the Grain Exchange, is an experienced and competent authority on the grades of grain and hay, having been approved by the National Hay Ass'n, as well as licensed under the Grain Standards Act.

Conflicting reports as to the reliability of grain jobbers in Southern points have been whispered by Northern and Western shippers from time to time. A few charge dealers in the South with rejecting shipments on technicalities when the market has declined, while the Southern jobber, himself, has whispered that the shippers in the North do not always ship the grain contracted if the market is on the up-turn. This condition refers principally to hay, but grain and feeds are not entirely excepted. What is the cure for this "stand on technicalities?" Let every man respect the spirit and the letter of his contract, and the trouble will be eliminated.

There is scarcely a firm in Birmingham who will not admit that at one time, now many years past, there were dealers who could not be classed as reliable, but they have been done away with and the better element has the upper hand in the trade. The Grain Exchange is enforcing rules designed to promote fair dealing, and as the grain trade of the city grows in volume, so is it growing in efficiency and reliability.

Birmingham's logical distributing territory is within a fifty mile radius of the city, although some of the firms manufacturing mixed feeds and corn meal, owing to the milling in transit privilege, reach a much larger territory.

The city is served by ten trunk lines, radiating to all parts of the country. The Birmingham Belt Railroad encircles the city connecting the railroads with all manufacturing, mining and shipping industries. The freight depots and yard trackage are ample. The ten lines entering Birmingham are the Frisco, Southern, Central of Georgia, Illinois Central, L. & N. R. R., Seaboard Air Line, Mobile & Ohio, Alabama Great Southern, Atlanta, Birmingham & Atlantic and Birmingham Southern.

Grain Inspection Department.

The grain inspection department in Birmingham was recently taken over by the Chamber of Commerce upon request of the Birmingham Grain Exchange, under whose auspices M. J. Kendrick, Chief Grain Inspector formerly worked. J. Chapline Hodges, President of the Birmingham Grain Exchange, explained to the Chamber of Commerce directors that it was desired that all grain shippers of the country, interested in shipping grain and hay to Birmingham, have no doubt in their mind as to the impartiality of the inspector. So in accordance with the request of the Grain Exchange, space was provided in the Chamber of Commerce offices for Mr. Kendrick and his laboratory, and he now works as part of that organization, free from dealer influence.

Mr. Kendrick has been grading grain and hay for ten years and his judgment on a sample is highly esteemed. The dealers of Birmingham all express confidence in the accuracy and impartiality of their inspection department. They feel that as long as Mr. Kendrick is "on the job" both the buyer and seller will be fairly served in the matter of grades at Birmingham.

Besides holding a Federal license for inspection of all grains, Mr. Kendrick is an approved Hay Inspector authorized by the National Hay Ass'n.

Prior to becoming a grain and hay inspector, Mr. Kendrick was a farmer and miller, having been associated with his father for fifteen years in the operation of a mill at Kelly's Creek, Shelby County, Alabama.

In speaking of the advancement of Alabama, Mr. Kendrick said: "It is encouraging to see Alabama farmers planting more corn, and more encouraging to see them improving the quality of their corn. It is evident they are paying more attention to the selection of seed."



J. C. Hodges, Birmingham, Ala.
Pres. Grain Exchange.

Mr. Kendrick's inspections of Alabama corn are increasing yearly, much corn being shipped to Birmingham from the Tennessee Valley for cleaning and drying.

The equipment of the laboratory is of the same type used in the majority of the up-to-date inspection laboratories of the country, no expense having been spared in purchasing the best scales, moisture testers, samplers and other necessary things to make the laboratory complete.

Birmingham Grain Exchange.

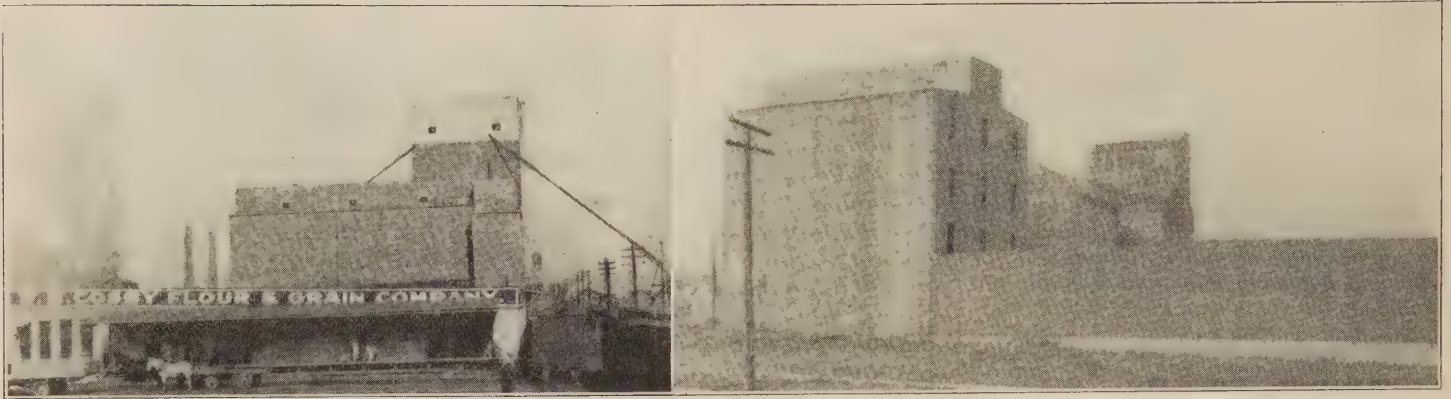
The Birmingham Grain Exchange is not an exchange in the strict sense of the word, but a club in organization and operation. Weekly meetings are held at luncheon every Friday, where the dealers present the experiences of the past week before their brother dealers, for comment and consideration. Many problems and differences have been solved by open discussion resulting in mutual benefit to all the members, and in the promotion of the common interests of the market.

The members of the Exchange, now fourteen in number, comprise practically all the wholesale dealers in grain, feed and flour of Birmingham. The organization is gaining in strength and within another year will probably take in the outstanding Birmingham dealers, as well as large jobbers from nearby points such as Bessemer and Ensley. Grain men shipping to Birmingham, as well as the Birmingham dealers realize the value of such an association for the betterment of trading conditions, and it is well to assume that the Exchange has the best wishes of the entire trade for steady growth.

The Exchange has been in existence for seven years having been organized in 1913 by Cosby Flour & Grain Co., Western Grain Co., Wood-Crabbe Grain Co., Birmingham Grain Co., and Alabama Mill and Elevator Co.



Chief Inspector J. M. Kendrick, Birmingham, Ala.



W. M. Cosby Flour & Grain Co.'s Plant, and the Western Grain Co.'s Plant, Birmingham, Ala.

At the last annual election, held in February, 1920, the following officers were chosen to serve during the present year: J. C. Hodges, Pres.; J. C. Knecht, Vice-Pres., and Ernest Redd, Sec'y and Treas.

Birmingham Brokers Ass'n.

The wholesale grain, feed, flour and grocery brokers of Birmingham organized their association in April, 1919. The reasons for their organization set forth by the members are many, among them being the desire to have all the brokers deal on an equal footing when quoting the wholesale jobbers of the Birmingham territory, and also to secure the entire patronage of the jobbers themselves. The association has promoted square, clean-cut methods of dealing by all members. The broker who quotes the retail trade is an undesirable member and will not last long in the association. Not only does the association strive to protect the broker, but the jobber and the man shipping feeding-stuffs to Birmingham, as well.

On June 1, 1919, the association had 35 members, while today it has but 31. All of these brokers, however, are not representing grain and feed accounts, less than half of them being engaged in that business. The Birmingham Brokerage firms now handling grain, feed and flour are: Allen & Co., J. E. Ramsey & Co., Bigsby Brokerage Co., Alex Cecil, Jr.; Fulton B. Clark, L. E. Grace, R. C. Hemphill & Co., S. C. Johnson & Co., Montgomery Brokerage Co., B. C. Morgan, Sam Simpson, Southeastern Brokerage Co., and C. A. Tyson.

At the last election held in January, the following officers were elected for the year: President, R. G. McCarty, of McCarty-

Ormand Grocery Brokerage Co.; Vice-President, Fulton B. Clark, merchandise and grain broker; Sec'y and Treas., J. E. Walters, of McGee Brokerage Co.

In November the Brokers Ass'n gave a dinner, entertaining about 125 grain and grocery jobbers of Birmingham, Bessemer, Ensley and other points in Northern Alabama.

W. M. Cosby Flour & Grain Co. operates a 100,000 bus. elevator, a mixed feed plant with a capacity of 40 tons per day and a warehouse holding 200 cars for handling hay and sacked commodities.

The firm was established in 1880 and operated thru warehouses until 1912, when it erected the present plant. The plant is on the Birmingham Belt and served by all lines entering the city. The elevator contains three legs, one 18-foot belt conveyor above the bins, and a conveyor of the same size beneath the bins. Two Richardson Automatic Scales are used in conjunction with two corn shellers, and Richardson sacking scales. In the mixed feed plant is a Draver mixer, a mill and a cornmeal mill with a 1,000 bus. daily grinding capacity. The plant is of cribbed iron-clad construction and the warehouse is of reinforced concrete. An Ellis Drier is housed in a brick structure adjacent to the main building.

The commodities handled by the firm are grain, hay, flour, mill feeds, meal, dairy and scratch feeds.

The officers of the firm are: W. M. Cosby, Pres.; J. C. Hodges, Vice-Pres.; S. S. Godbee, Sec'y and Treas.

Birmingham Grain Co., Ernest Redd, Pres., and owner of the Birmingham Grain Co., is also Sec'y and Treas. of the Birmingham Grain Exchange. The elevator operated by the firm has a capacity of 20,000 bus. and its concrete warehouse can hold 100 cars of grain. The plant is of cribbed iron-clad construction and located on the Belt Railroad. The commodities handled are grain, hay, feeds and flour, but a specialty is made of oats.

The equipment of the plant consists of three motors, one elevating leg, Fairbanks Hopper

Scales, Avery sacking scales, car pullers. The firm entered the grain business in 1894.

Western Grain Co.—The plant of the Western Grain Co. consists of a 25,000 bus. elevator, a mixed feed plant turning out 100 tons daily, a meal and grits mill with a grinding capacity of 3,000 bus. per day and a warehouse accommodating 100 carloads, and located on the Frisco tracks, Birmingham.

The equipment of the plant consists of nine motors, Draver feeders, one mill, Sprout-Waldron complete grits and corn meal mills, three Invincible Cleaners, drier and steam plant, Fairbanks Hopper scales, Richardson Automatic scales, shellers, two 36-inch conveyor belts, each 450 feet long.

"Jim Dandy" Brands of meal, grits and mixed feeds are the specialty of the firm. The officers are E. Wilkinson, Pres. and Treas., and B. McCall, Sec'y.

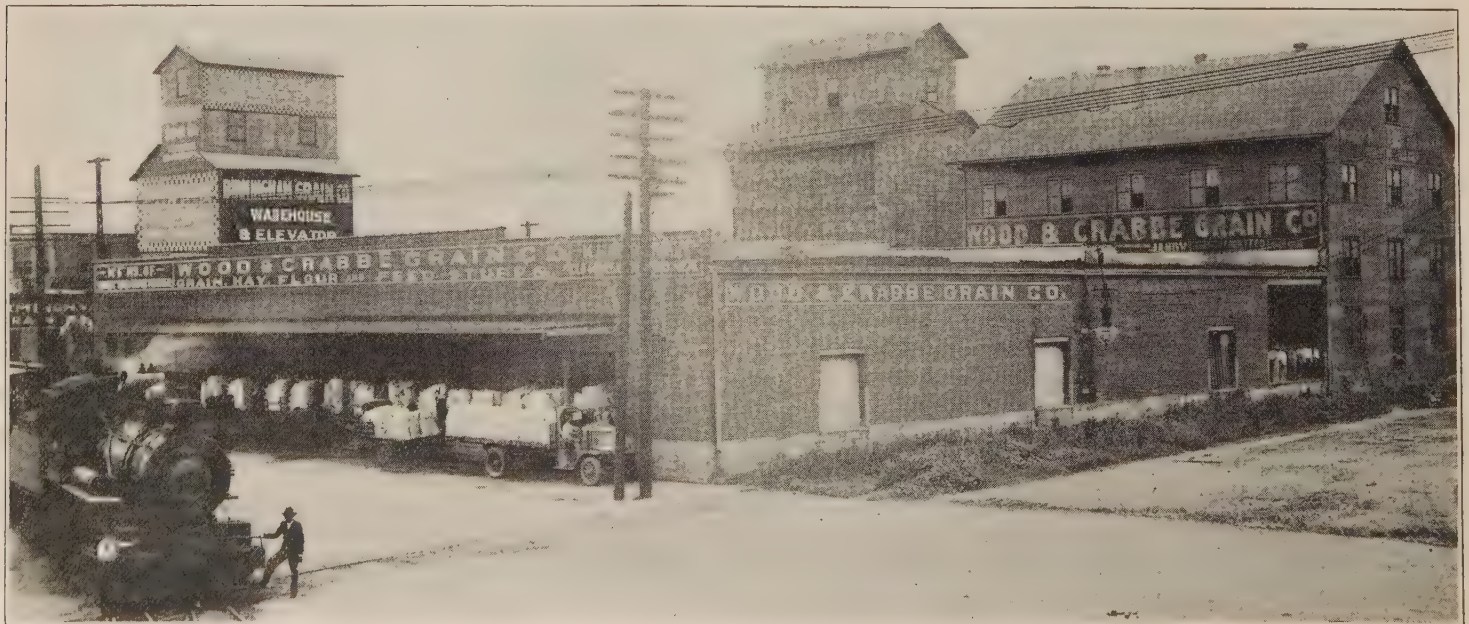
Wood-Crabbe Grain Co.—The Wood-Crabbe Grain Co., organized in 1906, operates a 30,000 bus. elevator and a corn meal and grits mill. The elevator is built adjoining the mill in Birmingham. One section of the mill has seven double stands of 9x30 inch rolls, and has a daily grinding capacity of 4,000 bus. corn. Six runs of 48-inch stones for manufacturing the old style rock-ground meal are also operated.

The elevator is of frame construction, iron-clad, and has the following equipment: Howe Hopper Scales, one receiving leg, cleaner, scourers, sifters and purifiers, kiln drier and 5 motors with a total of 265 h. p.

The commodities handled are corn, oats, hay, molasses feeds, mill feeds, velvet bean and peanut meal and No. 2 white corn.

The officers of the firm are Wade Wood, Pres.; T. S. Pinckard, Vice-Pres., and B. F. Crabbe, Sec'y and Treas.

Sunny South Grain Co.—The Sunny South Grain Co., wholesale dealer in grain, flour, hay and cotton seed products, also manufactures Sunny South Mixed Feeds. Its present Birmingham plant consists of 16,000 bus. elevator, mixed feed plant with a daily capacity of 167 tons, and a cotton seed reduction plant with a capacity of 400 tons in 24 hours; 600 cars warehouse space is also available for storing all sacked commodities, grain, feed and cotton seed. The warehouses are equipped with sprinkler system thruout.



Birmingham Grain Co.'s Elevator, and Wood & Crabbe Grain Co.'s Plant, Birmingham, Ala.

During the war this plant was operated by the government as a raw gun cotton manufacturing establishment. The plant burned three times and after the last rebuilding was only operated fourteen days before the armistice was signed. J. E. Redus bot the plant in January, 1919. Mr. Redus was formerly part owner and manager of the Meridian Grain & Elevator Co. of Meridian, Miss.

Equipment consists of eleven Westinghouse motors, Bauer Attrition mills, mixed feeders, Richardson Hopper scales and Richardson sacking scales. One leg with chain belt and 6x16-inch buckets, and 14-inch helicoid conveyors are also used. The buildings are all of iron-clad. A new and larger elevator will be added.

The Plosser-Knecht Flour and Grain Co. operates thru a warehouse on the Birmingham Belt Line, handling flour, grain, hay and mixed feeds. An additional warehouse for grain and hay will be built during the present year. The officers of the firm are Chas. R. Plosser, Pres., J. S. Knecht, Vice-Pres., and Horace Bradshaw, Sec'y and Treas. The firm has been in business since 1908.

The Tennessee Mill and Feed Co., formerly a branch of the Tennessee Mills Co., of Estell Springs, Tenn., severed connections after the burning of the mill in 1912. The branch was bot and the feed business added. The company operates a warehouse holding 40 carloads of flour, grain, hay and mixed feeds. The warehouse is located on the Southern R. R. tracks, Birmingham. The officers of the firm are D. H. Nunnally, Pres. and Treas., E. D. Bates, Vice-Pres., A. J. Binzie, Sec.

Alabama Mill and Elevator Co. formerly operated an elevator in Birmingham which was destroyed by fire ten years ago. The plant was never rebuilt, but the firm continued business in warehouses under the same name. The capacity of its warehouse is 100 carloads of hay, grain, mixed feeds, flour, cotton seed hull and meal, peanut, velvet bean and corn meal. The warehouse is on the L. & N. R. R. tracks. The officers are J. Allen Durham, Pres., A. D. Cecil, Sec'y, and W. S. Durham, General Manager.

The Smith Grain and Grocery Co., handlers of grain, feeding stuffs, flour, groceries and hay, conduct their business thru a warehouse on the L. & N. tracks, Birmingham, where they have a storage capacity of 20 carloads. A. E. Smith is the owner and manager.

The Gwin-Williams Grocery Co., of Ensley, Ala., is a member of the Birmingham Grain Exchange and conducts a wholesale grocery and grain business. The company was organized in 1911 as successors to the Bessemer Grocery Co. of Ensley, Ala. The owners of the company are J. C. B. Gwin and W. D. Williams.

Chas. A. Jones & Co. are dealers in flour, hay, mixed feeds, mill feeds and grain, and operate a small grist mill for local trade. Their warehouse is located on the L. & N. tracks, Birmingham. The officers are C. A. Jones, Sr., Pres., and C. A. Jones, Jr., Vice-Pres. and Sec'y. The firm has been in business since 1901.

W. S. Brown Mercantile Co. is a member of the Birmingham Grain Exchange, but do a very limited local business, distributing grain and feedingstuffs, the largest part of their business being wholesale groceries and dry goods.

Yielding Bros. Co., successors to William Hood in 1911, are dealers in general merchandise, handling dry goods, groceries, grain and feeds. Their distribution is local, and Birmingham warehouse space devoted to grain and feeds amounts to 25 car loads. The part-

ners in the firm are W. J. Yielding, F. B. Yielding, and T. L. Beavers.

T. R. Sells & Co., buyers and sellers of grain, grain products and hay. Mr. Sells has been in business for himself since last fall, having been formerly connected with the Birmingham Grain Co. as salesman and buyer.

Iron City Grain Co. has been in the grain business for nine years and operated a small elevator and warehouse until last November, when the plant was destroyed by fire. The plant will not be rebuilt until some time next fall. This firm handles grain, feed, hay and cotton seed products. The officers are J. W. Foster, Pres., R. J. Foster, Sr., Vice-Pres., and R. J. Foster, Jr., Sec'y and Treas. The firm at present is operating in a large brick warehouse, in North Birmingham.

John W. Wood & Co., dealers in grain, feed, flour and millfeeds, are conducting business through a small warehouse on the L. & N. Tracks, Birmingham. Mr. Wood, owner and manager, is seeking more commodious quarters with the view to expanding.

B. P. Mims, buyer and seller, and E. J. Jones Grain Co. are not members of the Birmingham Grain Exchange, but conduct a fair volume of business in grain, grain products and flour.

Birmingham Commission Co., under the management of Mr. Keith, does a buying and selling business in grain and hay altho not members of the Grain Exchange or Brokers Ass'n.

Tuscaloosa's Grain Trade

Tuscaloosa has a population of 20,000 and is rapidly growing in importance as a jobbing point in Alabama for grain, feed and groceries. The three railroads serving the town, the L. & N., the M. & O. and the A. G. S., enjoy the water competition freight rates, owing to the fact that the Black Warrior river furnishes year-around navigation to Mobile. The town has one grain elevator, one mixed feed manufacturing plant, and four wholesale grocery and grain jobbing plants. These firms are all supplied with grain by the four brokerage firms of Tuscaloosa.

Tuscaloosa's territory is limited, owing to the number of larger jobbing points, such as Birmingham, Montgomery and Selma, cutting into their field from three sides. The town is located close to the mining districts, and altho the soil is very fertile and adaptable to growing large grain and hay crops, the mineral wealth of the land far exceeds the farming possibilities.

The grain and feed trade of the town has continued to grow with the other industries of Tuscaloosa, and the outlook for the Tuscaloosa dealers is exceedingly bright.

Indian Milling Co. is the style of the firm run in conjunction with the Tuscaloosa Cotton Seed Oil Co. This firm manufactures both dry and sweet, stock and dairy feeds and also turns out some poultry feeds. The capacity of the mill is 90 tons per day. The plant was built in 1914 and is of iron clad construction with a private side track from the A. G. S. railroad. Its eight bins will hold approximately 20,000 bus. of grain, and are arranged in banks of four on either side of the plant. One elevator leg carries the grain to a screw conveyor, which in

turn carries it over the bins. The equipment consists of Gibson oats crusher mill, crusher and pulverizer, four 16" screw conveyors over the bins and two beneath, two elevator legs with chain belts and buckets attached, one leg being for grain and the other for alfalfa. The plant is equipped with Grinnell Sprinklers thruout.

In connection with the feed plant are two large molasses tanks and two additional tanks are now under construction. A large warehouse is provided for handling sacked feed and grain. E. B. Nuzum is Pres. and manager, and Mr. Eddins is asst. manager.

The Southern Grain Co. operates a 16,000 bus. elevator on the M. & O. tracks, Tuscaloosa, where corn shellers and grist mill are run. The elevator is of frame, iron-clad construction, and has eight bins holding 2,000 bus. each. Fairbanks wagon scales are used for receiving local corn, but for the last two years the local crop has been very short, and the firm had to go to St. Louis, Cairo and Memphis for corn to keep their plant in operation. The grist mill has an hourly grinding capacity of 60 bus. The officers of the firm are: F. G. Blair, Pres.; E. L. Clarkson, Vice-Pres.; Chas. T. Flinn, Sec'y, and C. H. Penick, Mgr.

TUSCALOOSA BROKERS.

The Rosenbush Brokerage Co. handles grain, feed, flour and wholesale groceries. The firm is composed of B. Rosenbush, the organizer, who was formerly connected with Threefoot Bros. of Meridian, Miss., and G. L. Burchfield, formerly with Burchfield Bros., wholesale grocers.

Ben F. Eddins has been in the brokerage business in Tuscaloosa, for twelve years successfully handling accounts in grain, feed and groceries.

The Tuscaloosa Brokerage Co. now under the management of Jack Crutcher has long been specializing in handling hay, altho they also do considerable business for grain and feed accounts.

C. B. Turner, Sr., is Tuscaloosa's oldest broker in grain, feed and grocers supplies. He has been well and favorably known to the Tuscaloosa jobbers for many years.

GRAIN AND GROCERY JOBBERS.

Massa Grocery Co., B. F. Baker & Son and the Burchfield Bros. are three grocery jobbers of the town also handling grain and feed in a wholesale way. The Maxwell Bros. have practically withdrawn from the grain trade altho they still handle some mixed feeds. The Tuscaloosa jobbers' territory covers ten counties surrounding the town.

Grain Dealers of Talladega, Ala.

The Farmers Exchange and Elevator Co. was organized in Talladega by W. T. Burns seven years ago, and is now doing a wholesale business in grain and grain products, operating a corn meal mill, corn sheller, No. 6 velvet bean mill, shuck baler, all driven by one fifty h.p. motor. The plant is located on the L. & N. Tracks and served by the Southern and A. B. & A.

Bingham Mills operate a 65-bbl. flour mill in Talladega and also have a corn meal mill grinding 500 bus. of corn daily. Until recently the firm has been grinding local corn, but the crop was short this year and it is now buying from outside markets.

H. C. McConnell has just organized the Southern Milling Co. for grinding corn meal and dealing in grain.

Three wholesale grocers in Talladega also handle some grain and mixed feeds.



Indian Milling Co.'s Plant at Tuscaloosa, Ala.

Mobile's Grain Trade

Mobile does both a domestic and export business in grain and feedstuffs. The domestic business in grain, feed and flour is much larger than one would judge from Mobile's location. A glance at the map will probably lead you to believe that Mobile is a "jumping off place." At the same time the city enjoys the water competition freight rates from points North and West, allowing them considerable back haul and permitting them to compete successfully with interior grain points in the territory of lower Mississippi, Alabama and part of Florida. Mobile's export trade in grain and grain products will be pushed from this time forward. For more than ten years the Mobile & Ohio Railroad Export Elevator at Mobile stood idle. During the emergencies of the war it was deemed advisable to rebuild the plant and open it for operation. Considerable grain moved for export war orders during the last two years thru the M. & O. elevator. Now that the war is over, Mobile will not be content to see the export elevator stand idle. Mr. Cobb, of the Mobile Traffic Bureau, has made a successful fight to secure for his city export freight rates on a parity with other Gulf, as well as Atlantic Ports. The port is now ready to handle export cargoes on the next crop, the only dissenting factor now being the foreign credit and exchange situation. It is well to predict a good grain export business thru the "Gulf City" during the present year.

ELEVEN GRAIN DEALERS.

Mobile now has eleven grain dealers, six of whom manufacture mixed feed in quantities ranging from 25 to 200 tons daily.

Fifteen grain and merchandise brokerage firms, all have more or less business in grain, grain products, flour, cotton seed products, and mixed feeds. One export freight brokerage firm has recently been organized to prepare for the export business soon to come to Mobile.

Two of the dealers do an export business in grain, feed and flour to Cuba, Central and South America.

All the wholesale grocers do not handle grain and feed in car lots, only one firm doing this business, while another wholesale grocer specializes in mixed feed.

Outside Receiving Legs.

In order to facilitate the unloading of bulk grain into Mobile warehouses extension legs with receiving pit attachments are provided. These legs are very popular in Mobile for several reasons, while nothing like them are found in other sections of the country. The nearest approach being the marine legs for unloading lake boats at eastern ports. One

reason for their use is that it is impossible to build a receiving sink and elevator boots under ground, owing to the high underground water level, being only a few feet from the surface. Another reason is that warehouses, from fifteen to twenty feet from the side tracks, have been taken over for grain handling plants, necessitating an extension leg for bulk receipts.

The overhead elevators consist of two main parts, the extension arm and the elevating leg. The extension arm is supported by cable and braces and is set at right angles to the warehouse and side tracks. This part carries the screw conveyor, housed in a pipe, the shaft of which has a bevel gear at the outer end. This bevel gear operates a second bevel gear. The movable leg swings from the outer end of the main extension from the building, and may be lowered and set in position for receiving grain from cars, or may be raised out of the way when not in operation. The leg buckets are attached to a chain belt, operated by the bevel gear at the top. At the bottom of the leg is a small boot which fits closely against the car door. The buckets scoop into this boot carrying the grain to the head where it is delivered to the screw conveyor taking it into the warehouse. The grain in the warehouse is either sacked and weighed as it enters, or is again elevated to a small hopper scale and sacking machine. These elevators were designed for the special needs of the Mobile dealers.

The unloading rated capacity of this style of leg is 500 bus per hour.

M. & O. Public Elevator.

The M. & O. Elevator was built in 1895 and after serving many years was forced to shut down operations because of the need of a general overhauling. The elevator was closed for almost ten years and during 1917 \$120,000 was spent in rebuilding the plant. The elevator has a capacity of 250,000 bus. The building is of cribbed construction, iron-clad, and stands on the tracks of the M. & O. Ry. with direct switching to the L. & N. Ry. A marine gallery extends over the railroad tracks to the docks in the Mobile harbor. This gallery leaves the northeast corner of the building, extending 750 ft. along the wharf where ocean going vessels are berthed for receiving cargoes. One 36" conveyor belt carries the grain from the elevator to the spouting by which the vessels are loaded.

The plant was formerly operated by steam power, but since the rebuilding two years ago, electric power has been installed. Eleven Allis-Chalmers motors are used for driving

the machinery, conveyors, and elevator legs.

Grain is received in three sinks. Each sink cleaning into an elevator boot. The house is equipped with three large legs, and one for the drier. Three Fairbanks hopper scales with type-registering beams do the "in-weighing," grain passing from these scales direct to the bins, cleaners or drier. Monitor oats clipper and Monitor cleaners are used. Two 36" conveyor belts run the full length of the house. One belt is used for carrying grain to the bin above the drier and the other carries the grain to the marine conveyor for loading ships.

A Hess Drier with a capacity of 750 bus per hour is built in a brick structure off the Southwest corner of the elevator. Other equipment in the elevator includes sacking machines, car pullers and power shovels.

Mr. O'Dell is superintendent of the M. & O. elevator. C. L. Warren, Chief weighmaster for Mobile, is also located at the elevator. Mr. Warren was appointed in January by the Mobile Chamber of Commerce.

Mobile Grain Dealers.

Ziliak & Schafer Milling Co., wholesale dealers in flour, grain, hay, mixed feeds and fertilizer, operate a mixed feed manufacturing plant and two large warehouses on the G. M. & N. Ry. The daily output is 40 tons and the total storage capacity is 155 car loads. All buildings are located on the outskirts of Mobile. John A. Lamey has been manager in Mobile for thirteen years. The original firm of Ziliak & Schafer have been in business in Indiana approximately fifty years.

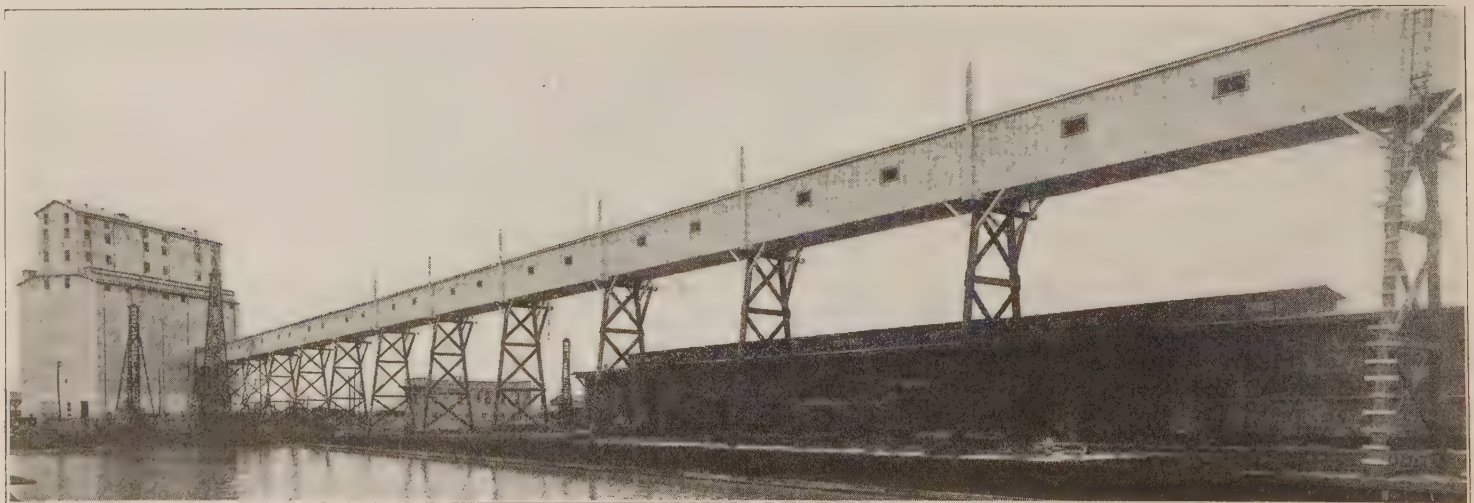
J. Zimmermann's Grain Co., specializing in the manufacture of "Blue Z" mixed feeds, also do a general receiving and shipping business in grain and mixed feeds. In connection with the mixed feed plant the company operates an 18,000 bu elevator and a warehouse holding 30 cars, the plant being equipped with an outside receiving leg and one elevating leg on the inside.

Alabama Corn Mills, manufacturers of grits, corn meal and mixed feeds, operate a large four story warehouse housing machinery for grinding their commodities. Their warehouse will hold fifty cars. Equipment consists of two outside receiving legs, Richardson Automatic scales, Fairbanks hopper scale, Invincible cleaner and three 50 h.p. motors. The firm handles all kinds of grain, hay, mixed feed of their own make, and flour. The officers of the firm are Le Baron Lyons, Pres., Herbert Lyons Vice-Pres., and S. O. Starke, Sec'y and Treas.

Turner-Young Grain Co., operates a large warehouse dealing in all kinds of grain, hay, mixed feeds, and flour in a wholesale way. They also do an extensive business in cotton seed products. This firm's business has grown very rapidly since they entered the grain trade at Mobile, only a comparatively short time ago. Their warehouse is of brick construction and will hold about 100 car loads.

Cleveland Bros., dealers in grain, grain products, hay and feeding stuffs have been in business in Mobile since 1885, two brothers being associated with the firm. F. S. Cleveland and S. J. Cleveland. Their warehouse is four-story brick building and will hold 40 cars. In addition to the main warehouse, they operate a hay warehouse holding about 20 cars.

McMillian & Harrison have a record of 45 years in Mobile. The firm deals in grain and



M. & O. R. R.'s Export Elevator at Mobile, Ala.

Outside Receiving Legs of Mobile's Bulk Grain Handling Plants.



Alabama Corn Mills.

Two Views of Zimmern's Receiving Legs.

hay and manufacture mixed feeds. The capacity of their feed plant is 30 tons daily. The feed grinding machinery is operated by electric power and is housed in a brick structure. The partners in the firm are H. B. McMillian and T. Harrison.

G. Mertz & Co. operate as commission merchants in produce and grain, having a three story warehouse on the L. & N. tracks, Mobile.

The Harris Grain Co. do an extensive business in grain and feedstuffs operating on a switch from the main line of the L. & N., Mobile. This plant has an outside receiving leg for handling incoming bulk grain.

Brown & Brown, dealers in grain, feeds, bags and twine, do mostly a local business catering to Mobile's retail trade.

Taylor-Lowenstein, large Naval Supply dealers, also handle considerable grain, buying in car lots and distributing locally in Mobile.

The two wholesale grocers handling grain and mixed feeds are M. Forchheimer & Co., and Dumas Bros.

Mobile Brokerage Firms.

The most recent brokerage firm to open in Mobile is W. J. McKinney, Merchandise and Grain broker. Mr. McKinney has been associated with H. M. Hopper & Co. for many years, and is familiar with the Mobile grain situation from every angle. During the war Mr. McKinney was in charge of government grain business in Mobile.

H. M. Hopper & Co., brokers in grain, grain products, merchandise and canned goods are one of the oldest and largest operators in grain on a brokerage basis in Mobile. H. M. Hopper is general manager and owner of the firm.

J. L. Suttle has been in the brokerage business in Mobile since 1894, and is now special-

izing on grain, hay, flour and feeds, altho also handling provisions, produce and canned goods on a brokerage basis. Mr. Suttle is a member of the Grain Dealers Nat'l Ass'n.

W. M. Meador & Co., who succeeded Brown & Meador in 1909, handle grain, grain products, hay, cotton seeds and wholesale groceries, operating exclusively on a brokerage basis. W. P. Barnett is manager of the grain and feedstuffs department in Mobile and Mr. Meador takes care of the wholesale groceries. The firm also has an office in Pensacola, Fla.

H. P. Vass & Co., H. M. McClelland manager has offices in the Exchange Bldg. The firm handles comparatively the same line as the other brokerage firms of Mobile, wholesale groceries, grain and grain products.

A. R. Minnis & Co. was organized last September by Mr. Minnis who has built up a successful brokerage business in grain, feeds, and wholesale groceries in a comparatively short time.

Frank Cleveland & Co. have been operating as grain and wholesale grocery brokers in Mobile for the past three years. Mr. Cleveland was associated with Cleveland Bros. for twenty years before he entered the brokerage business.

Butler & Clark, brokers, serve the wholesale grocery and grain trade of Mobile, and have offices at 57 St. Francis St. Mr. Butler, personally looks after the grain and feed accounts, while Mr. Clark specializes on the merchandise business.

John R. King & Co. successors to King-Partidge Co. operated grain and merchandise brokerage offices in Hattiesburg, Miss., and Mobile. Mr. King is in charge of the Mobile office, while Mr. McLean is in charge of the Hat-

tiesburg office. They handle all kinds of grain, feed, and merchandise on a brokerage basis.

W. M. West & Co. entered the brokerage business in Mobile in 1906, Mr. West having been previously connected with his brother in the brokerage firm of S. D. West. The present members of the firm are W. M. West and S. E. Clement.

Other Mobile brokers are S. C. Black, John McCaa, R. E. Jones and Eugene V. Brown.

Export Broker.—At the present time there is only one export broker and forwarding agent in Mobile. The Wilson Brokerage Co. has recently been organized to handle a few export grain accounts, desiring to use the Mobile Export elevator facilities. Mr. Wilson, general manager of the firm, has opened offices in the Bank of Mobile Bldg. and is prepared to conduct an exporting, forwarding and freight brokerage business.

GOVERNMENT ACTIVITIES sometimes work directly against the interests of the producer. Farmers, who are taxpayers, pay part of the cost of printing the U. S. Dept. of Agriculture "Market Reporter" weekly of Feb. 28, which calls attention of buyers to "the tremendous stocks of inferior storage cheese, which are unfit to be carried thru another season, and must be moved before another season opens, will act as a depressant on all cheese prices." How do the farmers like to pay taxes only to have their money used to knock down the price of their produce?

Four Grain and Feed Plants of Mobile.



Harris Grain Co.'s Mixed Feed Plant, and Front of Cleveland Bros.' Warehouse.

Below, McMillan & Harrison's Feed Plant and Rear View Alabama Corn Mills and Cleveland Bros.' Warehouse.

Montgomery's Grain Trade

Montgomery, the capital of Alabama, is one of the leading grain distributing points of the state, the territory covered by its wholesale jobbers in grain being much larger than any other Alabama market. Montgomery's logical consuming territory lies mostly to the South and East of the city, and covers an area, approximately 150 by 250 miles in the Southeastern part of the state. To the West, Montgomery meets with considerable competition from Selma before they have gone 25 miles, and to the North, Birmingham cuts in on the field at about 50 miles distance, but to the South and East the Montgomery dealers have practically a clear field to the state boundary lines.

Montgomery is just below where the waters of the Coosa and the Tallapoosa rivers join to form the Alabama river. For many years a line of steamers ran between Mobile and Montgomery, transporting grain and feed-stuffs.

The railroad facilities of the city give it ideal connections with all Central, Southern and Middle-Western towns. It is the Western terminus of three trunk lines, the Central of Georgia, Atlantic Coast Line, and Seaboard Air Line. It is the Eastern terminus of the Mobile & Ohio, and is an important point on the L. & N. main line from Nashville to New Orleans. Besides this, it is the head of the Atlanta & West Point and the Montgomery & Selma Rys. A belt line connects all railroads with the heavy shipping side-tracks. A conservative estimate of all the freight handled at Montgomery daily is placed at 2,000 cars.

The grain trade of Montgomery is handled principally by the wholesale grocers who do all their buying thru the eleven brokerage firms, members of the Montgomery Wholesale Brokers Ass'n. One wholesale grocer, The Hobbie Grocery Co., operates its own elevator, flour and feed mill, while others receive sacked oats and feeds in car lots, handling everything thru warehouses. Reshipping of grain in the Montgomery territory is done in mixed cars with wholesale groceries filling out the shipments. The city has only one, strictly speaking, exclusive grain and feed receiving and shipping firm, that is the Capital Grain & Feed Co. Two other firms do a feed mixing and corn meal grinding business, these firms are the Anderson Feed Co. and the American Milling and Feed Co. Chas. E. Mitchell & Co. are buyers and sellers of hay, grain and cow peas, and W. D. Stegall is a local dealer in grain and feeds and a shipper

of seeds. One wholesale grocer, Greil Bros. & Co. have a large field seed department in addition to a grain and feed department. Frank S. Love is in charge of the wholesale seed business and conducts a large shipping trade thruout the South, as well as shipping native Southern Seeds to the North and West.

The Hobbie elevator, operated by the H. M. Hobbie Grocery Co. of Montgomery is one of the largest privately owned elevators in the state. This plant, which has storage capacity of 80,000 bus. bulk, is built of reinforced concrete and consists of a main working house and eight storage tanks. The plant has twenty bins in all, and the tanks are arranged in groups of four on the North and South sides of the working house. Adjoining the elevator is an iron-clad warehouse, 50' x 150', used for storing sacked grain, feeds, meal and flour. And across the Louisville & Nashville tracks is the main wholesale grocery warehouse.

In addition to the elevator, is a mixed feed plant with a daily capacity of 150 tons, a flour mill turning out 125 bbls. daily, and a flour mixing plant with an out-put of 100 bbls of self-rising flour in eleven hours. Part of the mill machinery is located in the main grocery warehouse, which covers a space 210' x 230'. The total trackage space of the plant is fourteen cars at one time.

The elevator is equipped with one receiving leg, the boot of which dips into the bottom of the cement receiving pit. This leg has a capacity for elevating 2,000 bus per hour to the Invincible cleaner and Richardson automatic scales. Grain is carried by a loftier leg to the distributing floor and spouted to the annex or dropped to the bins in the working house. When loading out the grain is again lofted and directed to box cars thru spouting on the outside of the elevator. In addition to the automatic scales, Richardson sacking scales and Fairbanks track scales are used. Car pullers and power shovels are also operated in the workinghouse. Six motors with a total of 44½ h.p. run the machinery of the elevator. The machinery for mixing feed is run by five motors, the flour mill is operated by one 125 h.p. motor and the self-rising, or mixing plant, has two motors.

Richard M. Hobbie, who served as Federal Food Administrator for Alabama during the war, is again in charge of the H. M. Hobbie Grocery Co. The inactive members of the firm are H. M. Hobbie, President of the 4th Nat'l Bank and J. M. Hobbie, of the Hobbie Motor Co.

The firm is doing a receiving and shipping business in wheat, corn, oats, barley, milo and kaffir corn, besides manufacturing all kinds of mixed feed, flour, corn meal and self-rising flour.

The Capital Grain and Feed Co., organized in 1913 by C. E. Weisenburgh, Sec'y & Treas and L. J. Drum, President, is doing a general receiving and shipping business in grain and feed stuffs of all kinds. Altho at present operating in a warehouse where they grind corn meal and store sacked flour and feeds, they anticipate constructing a new elevator and mixed feed plant in Montgomery which will be completed some time during the summer. The commodities shipped from this point consist of local crops of Johnson Grass, hay, corn when a surplus crop is made, velvet beans, peanut

vine hay and cotton seed products. The commodities received from the North and West consist of oats, mixed feeds, alfalfa, and corn this year owing to the short crop in Mississippi and Alabama.

Mr. Weisenburgh is from Lexington, Ky., and was formerly connected with the Lexington Roller Mills Co. He served for many years as traveling representative and sales manager. Mr. Drum was formerly in the wholesale dry goods business at Montgomery and now holds a position on the Montgomery Traffic Bureau of the Chamber of Commerce.

This firm makes a specialty of car lot shipments direct to the customer from the growers and shippers, handling such shipments on a commission and brokerage basis. The Capital Grain and Feed Co. is a member of the Grain Dealers Nat'l Ass'n and the Nat'l Hay Ass'n.

Montgomery Brokers Organized.

The Montgomery Wholesale Brokers Ass'n is the title of the organization to which the brokers belong. The Ass'n has twelve members, all except two, handling grain, grain products, hay, and feeds to some extent, altho wholesale groceries and produce form a large part of their business. The Ass'n was organized Oct. 28, 1918 with fourteen members. Since that time three firms have resigned by reason of changing their line of business, and one new member admitted. At present there are four brokerage firms in Montgomery outside of the Ass'n.

At the last annual election of the Montgomery Wholesale Brokers Ass'n the following officers were chosen: O. C. Holland, Pres. J. D. Cody, Vice-pres., and E. G. Lutz, Sec'y and Treas. The advisory Board consists of A. Livingston, O. A. Richardson and J. Morgan Browder. The following firms are members:

O. C. Holland & Co. operating under the same name in Montgomery for nine years. Mr. Holland is now sole owner of the firm after purchasing the interests of W. E. Matthews, his former partner, last July. The firm is also well known in Norfolk, Va., having been located there eleven years.

J. D. Cody & Co. operating exclusively on a brokerage basis handle flour, grain, feed and merchandise. Mr. Cody 15 yrs. in the business, is manager of the firm, and has his office in the Vandiver Bldg.

E. G. Lutz & Co., succeeded Lutz & Knox, when Mr. Lutz purchased the interests of his partner five years ago. Since that time Mr. Lutz has been sole owner and manager of the business. The specialty of the firm is canned goods and fruit, altho he does an extensive business in grain, feed and cotton seed products.

Alabama Black Belt Co., John F. Pearson, Pres. and L. C. Pearson, Sec'y. The firm operates strictly on a brokerage basis on all incoming products, such as grain, mixed feeds, hay and cotton seed products, and on all outgoing products native to the Black Belt of Alabama, such as velvet beans, velvet bean meal, peanut meal and Johnson Grass, they operate as buyers and sellers. Velvet bean meal is growing in popularity as an ingredient for mixed feeds, and the Alabama Black Belt Co. is now shipping that product to many parts of the country.



Ziliak & Schafer Milling Co.'s Plant, Mobile, Ala., on a Perfect Day.

Browder Bros., five years under the management of J. Morgan Browder, the active partner in the business, is doing an extensive brokerage business in hay. Altho hay is the specialty of the firm, they also represent some of the most reputable shippers in the various markets quoting grain to the Southern jobbers, and also do a large business in merchandise for the wholesale grocers. F. N. Browder is the inactive partner.

Thos. Howe, actively in the brokerage and produce business in Montgomery for fifty years, is associated with his two sons, C. H. Howe and T. S. Howe. The firm is now specializing in produce, altho interested in the grain business to a limited extent.

A. Livingston & Co. cater to the wholesale grocers in canned goods, fruit and other merchandise, but have practically discontinued handling grain and feed accounts.

Walter Bragg Smith recently organized the Smith Brokerage Co., merchandise, and grain brokers, and manufacturers agents. Offices have been opened in the Vandiver building and a reliable line of grain and feed shippers from the various markets have authorized the Smith Brokerage Co. to act as their representative.

O. A. Richardson & Co. ten years in Montgomery, succeeded the Frank McPherson Co., and are engaging in a general brokerage business in grain, feed and flour. Mr. Richardson represents, among others, the Halliday Elevator Co. and the Corno Mills.

Mourning & Co. are contemplating reorganizing in the near future, but this will not effect their status as brokers in grain, feeds, flour and merchandise. The present office is located in the Vandiver Bldg.

S. T. Shank has recently taken into his brokerage business with him, H. C. Copeland, Jr. of Metcalf, Ga. The firm will be known henceforth as Shank & Copeland and will conduct a brokerage business in grain, feed, flour, and wholesale groceries. Mr. Shank's career in the grain brokerage business covers a period of more than fifteen years, and Mr. Copeland is an experienced merchandise man, having been connected with the wholesale grocery and dry goods trade.

D. S. Marcus, merchandise and grain broker represents Magee-Lynch-Grain Co. otherwise the firm handles merchandise exclusively.

Feed and Corn Meal Mills.

American Milling & Feed Co. owned and managed by M. S. Katz grind corn meal, chops and grits, using an electrically operated mill. When local corn can be had this is used for grinding, but seasons like the present, when the Alabama corn crop is short, the firm buys corn from outside markets. They also deal in velvet beans, velvet bean meal, cow peas and Johnson Grass.

Anderson Feed Co. are manufacturers of corn meal, and mixed feeds, but owing to the shortage of corn in Alabama and the South generally, this year they are doing little in the line of grinding meal. However, their produc-

tion of mixed feed has been kept right up to normal. Their feed has a local distribution for the most part, but the raw materials are drawn from other markets.

Kahn-Simon Manufacturing Co. operate a small corn meal mill and do a local business in grain and feeds.

W. F. Covington Mfg. Co. has shut down operations in its corn meal mill and shelling plant, owing to the shortage of local crop.

Montgomery Wholesale Grocers.

Montgomery has an excellent location for the grocery jobbing business, and in conjunction with the grocery jobbing business in the South it is the general thing to conduct a wholesale grain business. Mixed orders for grain and groceries are shipped to the local and retail dealers in smaller points, or trucks or wagons drive in from the nearby plantations to carry back supplies for one, two or three weeks, according to the distance from the source of supplies. Montgomery is typical of the Southern jobbing points.

Nine large jobbers are now successfully conducting a large business in groceries, all handling grain and feeds. These wholesalers have their own organization called the Montgomery Wholesale Grocers Ass'n. The membership comprises the following: Hobbie Grocery Co. an 80,000 bu elevator; Greil Bros. with warehouse, and a seed handling plant; Winter-Loeb Grocery Co., extensive warehouse room allotted to the grain and feed; Belser Grocery Co., Davis Grocery Co., Lobman-Moog & Co., Seligman & Marx, Schloss & Kahn and Hudson & Thompson, all of whom handle grain and feed to some extent, using their regular warehouse space for storing and handling same.

The wholesale grocers seldom do any direct buying, for they find it more profitable to deal thru brokers, relying upon them to keep posted on conditions of the market, offers, and the reliability of shippers.

A FEDERAL QUARANTINE on Indiana grains was prevented last year when the Australian take-all "disease" made its appearance by the prompt destruction of certain supplies of grain and straw by the state as a precautionary measure. Now claims of farmers whose property was destroyed amounting to \$1,247 have been approved by Governor Goodrich.

The Grain Men of Huntsville Ala.

Situated 85 miles Southeast of Chattanooga on the Southern Railway, and the N. C. & St. L., Huntsville, Ala., enjoys a fair-sized trade in wholesale grain, grain products and flour. The town has one of the very few flour mills South of Tennessee. At one time there were many wheat grinding mills in the South, the wheat being shipped in for milling purposes, but it is now a difficult thing to operate a flour mill so far from the source of supply and still compete with the Northern and Western millers who have the milling-in-transit privilege. There are probably more strictly grain handling firms in this town than any other point of its size in the state. The reason for this is traceable to the fact that the farther North you go in Alabama, the less you will find Wholesale Grocery firms dealing in large amounts of oats and corn. The grocery firms of this town do handle some mixed feed, hay and grain, but the amount is small and bought mostly from the local grain men.

The Spring City Milling Co. has a 125-bbl. flour mill and a corn meal mill grinding 1,000 bus. corn daily. The plant was built in 1895 and has operated from the beginning under the same name. Besides doing a milling business the firm also deals in grain, hay and mixed feed, having their own mixed feed plant with a daily capacity of 50 tons. The building is of brick construction located on the N. C. & St. L. tracks. Officers are Ben Matthews, Pres.; O. K. Matthews, Sec'y, and Luke Matthews, Jr., Mgr.

Lyle & Lyle are buyers and sellers of all grains, mixed feeds, hay, cotton seed products and operate a corn sheller. They also do a brokerage business in wholesale groceries. At the present time plans are under way for the construction of a 30,000-bu. reinforced concrete elevator to be built during the present year by the Burrell Engineering and Construction Co. The firm also has an office in Greenville, Miss., under the management of R. B. Nance. W. L. Lyle is manager of the Huntsville office and is also interested in the firm of Lyle-Taylor Grain Co. at Decatur, Florence and Athens, Ala.

Huntsville and Decatur Brokerage Co. maintains its offices and warehouse in Huntsville and work that town and Decatur. The firm buys and sells grain, feed, hay and cotton seed products and does a brokerage business in wholesale groceries. A. W. McAllister mgr. is owner.

Townes Commission Co., owned and operated by Chas. L. Townes, deals in hay, grain, field seeds and produce, doing a carlot receiving and shipping business. At present a new warehouse is being constructed on the Southern Ry. tracks in Huntsville which will give the firm larger storage and handling facilities.

North Alabama Brokerage Co. does not oper-



The Turner-Young Grain Co.'s Plant, Mobile, Ala.

ate as brokers, the firm having grown from a brokerage house to a jobbing house for groceries and feedstuffs. H. M. Hughes mgr. is owner.

The Huntsville Grain and Feed Co. under the management of A. C. Demasters are car-lot buyers of grain, hay and feeds, selling mostly to Huntsville's local retail trade. The firm operates a warehouse.

Chas. D. Lane is the only strictly brokerage firm in Huntsville. However, he specializes in wholesale groceries, selling a limited amount of feedstuffs.

The Grain Trade of Cullman, Ala.

Cullman is located on the L. & N. main line, half way between Decatur and Birmingham. It is the county seat of a poor agricultural section, owing to the hilly condition and rocky formation of the soil. For this reason considerable feedstuffs must be shipped into Cullman. When other parts of Alabama are raising good crops of corn and hay, then Cullman buys Alabama products, but when the crops are short, as they were last year, then Cullman goes to Nashville, Evansville, Louisville and Cairo for required stocks.

Practically all the general merchandise merchants of the town sell grain and feed to the farmers and lumber mills of the territory. No reshipping of grain is carried on at this point.

One broker serves the trade, but most of the buying is done direct. W. E. Williamson is the broker for Cullman handling grain, feed and flour. Ponder & Kelley, general merchandise semi-jobbers, handle the largest volume of business in grain and feedstuffs in the town, while Richter & Co., C. A. Stiefelmeyer, A. Z. Bailey Grocery Co., and J. H. Calvin, wholesale grocer, all handle their share.

The Newman Milling Co. operates a Midget Mill, a corn meal mill, a chick feed grinder and a corn sheller.

Selma's Jobbing Trade.

Selma is located in the heart of the great Black Belt of Alabama, the most fertile section of the state. The town is considered the largest jobbing point in the South for its size. It has ten wholesale grocery firms, nine of whom handle corn, oats and feeds, receiving most of the oats from Cairo, Memphis or St. Louis, corn from St. Louis when the local crop is insufficient to meet home requirements, and mixed feed from both Memphis and New Orleans. Six brokers of Selma are members of the Selma Wholesale Brokers Ass'n, while one broker is outside of the organization. The town also has one small grist mill, manufacturing feeds for local distribution, and one firm specializing in wholesale field seeds native of the South.

Selma's jobbing territory extends in all directions. To the East, Selma jobbers can go but twenty miles before meeting Montgomery competition, Montgomery being only about forty miles from Selma. To the west Selma has territory extending to a point midway between Meridian and Selma. To the South the Mobile competition is met at about 60 miles distance, while to the North the jobbers must divide with Birmingham.

Transportation facilities are adequate, five important trunk lines serving to move commodities in and out of Selma from every direction. The Southern and the L. & N. Rys. handle the bulk of the freight, while the Western of Alabama, the West Point Route, the M. & O., and the Selma and Montgomery also serve the town.

SELMA BROKERS ASSOCIATION.

While the wholesale grocers are the grain handlers of Selma, all their buying is done thru brokers, the grocers merely having the distribution to look after. The responsibility of getting proper quotations, freer offers, seeing that the shippers send the grade promised, watching the reliability of the new shippers frequently quoting the point, and many other duties fall to the lot of the broker. Only the financial responsibility, as far as buying is concerned, rests with the jobber or actual handler of the grain. It was for this reason, principally, that the leading brokers of Selma took steps to organize a Wholesale Brokers Association.

For their motto they have chosen, "Justice to Buyer and Seller."

The present six brokerage firms, members of the association, are: Rivers F. Ross; A. E. Baker; McDonald Campbell & Co.; H. F. Crandall; Hooper, Son & Coleman and Childers Bros. These brokers all handle, in addition to wholesale groceries, grain, feed, flour and grain products. Most of them have been identified with the Selma jobbing trade for many years.

SELMA'S WHOLESALE GROCERS.

The wholesale grocers of Selma handling grain and feed in a large way are V. B. Atkins Grocery and Commission Co.; R. H. & W. C. Agee; Cothran & Co.; C. W. Hooper & Co.; Lamar Grocery Co., Lamar & Shanks; Pattillo & Russell; Smith Grocery Co. and W. L. Ward & Sons. These firms all devote a special warehouse or a large part of their main warehouse to grain and feeds received in sacks. The distribution is done to a great extent by motor trucks, altho many mixed cars of grain, feed and groceries are shipped to points in their territory.

Grain Dealers of Tri-Cities, Ala.

The Tri-Cities, Florence, Tuscumbia, and Sheffield, form a four-mile tri-angle in the Northwestern part of Alabama on the Southern and Northern Alabama railroads. The point has never developed into a large jobbing center, but during certain seasons considerable feedstuffs is brot in from Memphis and Nashville.

FLORENCE is the largest of the three towns and has one wholesale grain firm, Lyle-Taylor Grain Co.

The North Alabama Seed Co. do an extensive field and grass seed trade, as well as handling feeds and hay for the convenience of their farmer customers.

Stewart Bros. operate a wholesale and retail business in feedstuffs of all kinds.

Two wholesale grocery firms do some business in feedstuffs, but the territory covered, as well as the volume handled is very small.

TUSCUMBIA has only one exclusive grain, feed and seed house, doing a retail and wholesale business, E. T. Hammerly. One general store, operated by H. R. Meadors & Co., do a wholesale and retail business in grain and feedstuffs.

H. K. Belser is a traveling broker, with offices in Tuscumbia, and covering, in addition to the tri-cities, three other towns in the immediate

vicinity. Mr. Belser has his son associated with him in the business. They handle grain, mixed feed, hay, and grocery accounts.

SHEFFIELD has two firms dealing in coal, grain, feed and hay. These are Powell Coal and Grain Co. and A. D. Thomson, both of whom have warehouses located on the L. & N. tracks. The retail and wholesale grocery companies of the town do a limited business in mixed feed and hay.

The Grain Trade of Decatur-Albany, Ala.

Decatur and Albany, formerly Decatur and New Decatur, are really one in the same town. These towns have been coming to the foreground for the past few years as a jobbing point for groceries and grain, and Decatur now has one of the few modern grain elevators in Northern Alabama. The Lyle-Taylor Grain Co. is the only exclusive grain firm, and Hendrick Brokerage Co. the one brokerage firm serving the point. Three wholesale grocers—Brock & Spight Co., J. H. Calvin Co. and A. Z. Bailey Grocery Co., do a wholesale business in feed and flour in addition to groceries, and A. Z. Bailey Grocery Co. operates a corn shelling plant and a velvet bean mill. Other firms doing a wholesale as well as retail business in grain and feed stuffs are Decatur Coal & Manufacturing Co., and the Malone Coal, Grain and Motor Co.

LYLE-TAYLOR ELEVATOR.

The Lyle-Taylor Grain Co. operates a 25,000-bu. modern ironclad elevator, located on the banks of the Tennessee River and the L. & N. tracks, receiving grain both by rail and boat. The plant has two receiving legs for grain by rail, and a dump car from river is now being installed to facilitate the handling of the grain arriving in Decatur via the Tennessee River. The Western Line of elevator equipment, including shellers, cleaners and shuck separators, has been installed. Richardson Automatic Sacking Scales are used, while Howe Wagon Scales do the weighing of local wagon receipts. Power shovel, car puller and a bailer for corn shucks are used. The plant is electrically operated.

The company also operates a corn meal mill with 500 bus. daily capacity, Sprout-Waldron type; a shelling plant, with 3,000 bus. bin capacity, one corn sheller now being used, while another is held in reserve; two ironclad warehouses for sacked feeds, seeds and meal with a total of 80 cars storage capacity; coal yard and main office.

The company has a branch in Florence, Ala., where a large warehouse is operated, and it also controls the operation of the Athens Milling and Grain Co. of Athens, Ala. The Athens mill has



Lyle-Taylor Grain Co.'s Elevator at Decatur, Ala.

00 bus. daily capacity, manufacturing corn meal and 45,000 bus. bin storage capacity. The partners in the Lyle-Taylor Grain Co. are F. E. Taylor, W. L. Lyle and H. M. Lyle. The firm was organized four years ago and its growth has been rapid. At the present time many improvements are being planned including two new elevators in Northern Alabama.

The Grain Trade of Anniston, Ala.

Anniston is not the grain town of former years. The trade has gradually taken to mixed feeds, and the farmers have raised more and better grain crops during the past few years. This year the territory tributary to Anniston raised sufficient corn to meet its own requirements, a condition that did not exist in any other section of the state.

About seven years back it was not unusual for twelve cars of oats to arrive in Anniston on the same day, while the point will now use only ten or twelve cars per month. One large feed concern has developed, handling the greater volume of the feedingstuff business, and there are but two wholesale grocery concerns now selling feedingstuffs, and they sell mixed feeds instead of having the old demand for feed oats to fill.

The Woodruff Feed Co., wholesale dealers in grain, hay, flour, cotton seed products, bran shorts, have recently installed a line of groceries. The firm operates a 12,500 bu. elevator, on the Southern and L. & N. tracks in Anniston and its three warehouses will accommodate approximately sixty car loads. The machinery of the elevator is operated by two motors with a total of 110 h. p. A corn sheller is being installed; Invincible Cleaner, Richardson Automatic Receiving and Sacking Scales, chop mill and unloading shovels constitute the remainder of the equipment. The elevator is frame iron-clad and the warehouses are of brick. C. M. Woodruff, the owner and manager, succeeded the Miller Grain and Feed Co. in 1909.

One broker, L. M. Burns, serves Anniston in grain, feed and groceries, while two wholesale grocery firms, Anniston Mercantile Co. and Calhoun Grocery Co., do an extensive business in mixed feeds.

The Grain Trade of Jasper, Ala.

The mining trade is Jasper's largest asset. This trade has made the grain and feeding trade of the town prosper. The location of Jasper, in the Northeastern part of the state, on the Southern, Frisco, and the Illinois Central railroads, makes it possible for the town to draw grain from practically all the northern and middle-west grain markets. The bulk of the oats received here come from Cairo, with Memphis and Nashville occasionally getting in line. The corn shipped in comes from St. Louis, for the most part, altho Cairo, Nashville and Memphis all get a share in it. Good volume of business is also done in mixed feeds drawn mostly from the points mentioned.

The town has two corn meal mills, buying corn in the western markets and distributing their product within a 25 mile radius. Three dealers distributing grain, feed and groceries receive their commodities in car lots, and sell in a 25 mile radius. One grain broker serves the point, and most of the grain, feed and flour is sold to Jasper jobbers thru this source. The broker is J. H. Robbins.

J. D. Acuff is the proprietor of a corn meal mill grinding 360 bus. corn daily. The mill is R. D. Coes make, and consists of one complete unit with cleaner, sifter and grinder. A small unloading leg is used for transferring grain from cars to bin where two car loads can be stored. A chain belt with 6" x 16" buckets elevates the corn. The building is frame construction covered with corrugated iron.

Queen City Mill operate a corn meal mill in Jasper consisting of three complete units of R. D. Coes mills. The firm operates in a large frame structure formerly housing a 200 bbl. flour mill. The milling machinery was sold some fifteen years ago and only the corn meal grinding machinery retained. The manager and owners of the firm are now contemplating the installation of a Midget flour mill. The plant is operated by steam power. The owner

and manager of the firm is J. J. Long. The Ass't Mgr. is Eugene Long.

Richardson Bros. are wholesale and retail dealers in grain, feed and groceries, operating a store in the business section of Jasper and a warehouse on the Southern Railroad tracks.

Jasper Feed and Grocery Co. do a grain, feed and grocery business buying in car-lots and distributing within a 25-mile radius of Jasper.

Cash Grain Co. under the management of J. O. Argo, caters to Jasper's retail trade buying grain, feed and groceries in car lots from Northern and Western markets.

The Grain Trade of Gadsden, Ala.

Gadsden has seven wholesale jobbers in grain and feeds, five of them being wholesale grocery concerns, and two specializing in grain and grain products. J. M. Smith & Co. is the one exclusive grain and feed concern of the town, having their own mixed feed plant and corn meal mill, while the Tri-City L. and Supply Co. specialize in grain, and grain products. The equipment of J. M. Smith & Co. plant consists of one 250 bus. corn meal mill, one Eureka mixer, and Savage feeders with a capacity of 30 tons of feeds daily.

The W. H. Howard & Co. wholesale grocery firm, operates a corn meal mill, while the other wholesale grocers are doing a jobbing business in grain, feeds and flour. They are Grace Feed Co., B. B. S. Grocer Co., Gadsden Grocery Co., and Caldwell-Spence Grocery Co.

Practically all the buying of grain is done thru the brokerage firms of the town. The Gadsden Brokerage Co., representing a number of reliable Northern and Western shippers, is under the management of A. M. Taylor, former County Food Administrator. The firm has been in business two years.

The Alabama Brokerage Co. was organized by J. D. Dunaway one year ago, immediately after his return from Army service. It does a brokerage business in grain, feed, flour and groceries. The other two brokers serving the point are Harris & Co., managed by A. B. Harris, and W. U. Paschal, broker in groceries, grain, flour and feed, specializing on flour.

New Grain Firm at Hutchinson.

Jay Hausam, who resigned as manager of the grain department of the Reno Flour Mills Co., at Hutchinson, Kan., on Jan 1, has reentered the cash grain business in that market for his own account under the name Jay Hausam & Co.

The new firm began business March 2, and is operating under membership of the Board of Trade. A general cash grain business will be conducted. Mr. Hausam retains his interest in the firm with which he has been connected for the past two years, but will not be active with it. Associated with him in the new organization will be C. A. Lovell, who also has been with the Reno Flour Mills Co. since last June, and who was connected with the Grain Dealers' Journal for about two years prior to that time.

About March 15 Mr. Hausam expects to go to California for several weeks, and during his absence the business will be in charge of Mr. Lovell. Mr. Hausam will return before the beginning of the new crop movement, and the company's plans for handling a large volume of business will be fully matured by July 1.

THE RICE crop of Sind, India, will be over 560,000 tons for the 1919-20 crop compared with a 290,000 ton crop in 1918-19. The ten-year average production of rice is 410,000 tons. The average consumption of rice in Sind is 300,000 tons so it is apparent that there will be a fair margin to meet increased consumption in the Province, renewal of depleted stocks, and increased exports to other Indian ports. From report Consul E. V. Richardson, Karachi, India, Jan. 15, 1920.



Eufaula Mill & Elevator Co.'s 50,000-bu. Concrete Elevator and Mill at Eufaula, Ala.

Grain Trade News

Reports of new firms, changes, deaths, casualties and failures; new elevators, improvements, fires and accidents are welcome. Let us hear from you.

ARKANSAS

Ft. Smith, Ark.—The Collier Commission Co. has been formed to succeed the Big Four Flour Co. Capital stock, \$50,000; incorporators, N. J. Collier and others.

CANADA

Unionville, Ont.—The Farmers Co-op. Society has bot the big elvtr. near the Grand Trunk tracks.

Holland, Man.—The Victoria Elvtr. Co. at this place has awarded contract to the T. E. Ibberson Co. for the rebuilding of its plant here.

Winnipeg, Man.—According to the annual report of the Manitoba government elvtr. system it finished the year with a balance of \$3,602. Cash receipts for the year amounted to \$66,991 and expenditures to \$63,388. Of the expenditures, \$11,559 was paid for insurance.

Winnipeg, Man.—James Richardson recently gave the members of his office a pleasant "Tally-ho" evening, followed by refreshments and dancing at the home of F. G. Davies, sec'y-treas., whose wife made a most delightful hostess.

COLORADO

Pierce, Colo.—The Farmers Union has organized an elvtr. company.

Ilf, Colo.—A new elvtr. will be built here by the Farmers Union.

Delta, Colo.—The Delta Elvtr. Co. has installed a feed chopping machine.

Fruita, Colo.—B. A. Batt, formerly mgr. for the Farmers Union, at Fleming, Colo., is now mgr. for the Farmers Co-op. Ass'n.

LaFayette, Colo.—We have just completed our new elvtr. and now have it in operation. It has a capacity of 20,000 bus. and is equipped with up to date machinery thruout, including cleaner and 30 h. p. motor. I have been mgr. since Feb. 1 and have moved from Fort Morgan.—W. L. Smith, mgr. Farmers Elvtr. Co.

Crook, Colo.—We have changed the name of our firm to the Loizeaux Lumber & Grain Co. and increased the capital stock to \$50,000. During the past fall our elvtr. was entirely rebuilt and the capacity increased to 30,000 bushels. We are just installing a new engine and a complete grinding outfit.—Loizeaux Lumber & Grain Co., formerly Crook Lbr. Co.

IDAHO

Montpelier, Ida.—We have completed our house and have it in actual operation.—Frank Miles.

Moscow, Ida.—I have changed my mind and will be mgr. for the Mort P. Millier Mfg. Co. instead of going to Roundup as I planned. My successor at Belt, Mont., is Sam Wright.—M. M. Moser.

ILLINOIS

Nameki, Ill.—Farmers are anxious to build an elvtr. here.

Timewell, Ill.—Farmers here are planning a co-operative elvtr.

Butterville, Ill.—The city fathers are anxious to erect an elvtr. here.

Winslow, Ill.—S. Sinclair is now mgr. for the Farmers Co-operative Ass'n.

Freeburg, Ill.—Plans to build a large elvtr. are being made by farmers here.

Streator, Ill.—We have closed our office at this station.—Simons, Day & Co.

Norris, Ill.—Fred Moon is now manager of the Farmers Elvtr. Co. at this point.

Richland, (Pleasant Plains p. o.), Ill.—F. A. Rudall is mgr. for the Richland Farmers Elvtr. Co.

Wing, Ill.—A. L. Stuckey has succeeded A. J. Zenor as mgr. for the Wing Grain Co.

Cuba, Ill.—R. A. Franklin, of Colona is now mgr. of the Farmers Co-op. Grain Co.

Ashkum, Ill.—The new mgr. of the Farmers Elvtr. Co. is Geo. Tibbetts, of St. Joseph.

Hamilton, Ill.—The Farmers Union Co-op. Buro. has bot the elvtr. of Ulrich Bros.

Avon, Ill.—Chas. S. Schleich is mgr. and F. W. Scalton is agt. for the Farmers Elvtr. Co.

Peoria, Ill.—B. E. Wrigley, formerly with the Cleveland Grain Co., is now with McFadden & Co.

Tivoli, Ill.—The Farmers Elvtr. Co. has recently been organized with a capital stock of \$40,000.

Verona, Ill.—W. T. Kasten has succeeded Chas. N. Bonges as mgr., for the Farmers Elvtr. Co. here.

Virden, Ill.—The Virden Grain Co. will build an additional warehouse and install new scales all thru its elvtr.

Hoyleton, Ill.—We are out of the grain business as the Ill. Sou. R. R. Co. has discontinued its trains.—Muentner Bros.

Pesotum, Ill.—Davis, Burton & Gardiner of this place are equipping their two elvtrs. with Hall Signaling Distributors.

Godfrey, Ill.—Peace has been again restored and it is that that the work on the elvtr. will progress nicely from now on.

Cerro Cordo, Ill.—I am now mgr. for the Cerro Gordo Grain & Coal Co.—W. H. Foote, formerly Chambers & Foote, Tuscola.

Armington, Ill.—The newly organized Farmers elvtr Co. has bot the elvtr. of J. C. Britt, retaining, however, Mr. Britt as mgr.

Elkins Crossing, (Danvers p. o.), Ill.—The Dry Grove Farmers Elvtr. Co. will build a large elvtr. of hollow tile of silo construction.

Irving, Ill.—F. Rhinehart is now mgr. for the Farmers Equity Exchange. The company recently bot the elvtr. of File & Gregory.

Rockford, Ill.—Farmers have organized the Farmers Co-op. Elvtr. Co. with a capital stock of \$40,000.

Geneseo, Ill.—We are rebuilding one-half of our elvtr. wood construction. Capacity will be about 16,000 bus. of rebuilt part.—J. J. Guild & Son.

Alexis, Ill.—The Farmers Elvtr. Co. is contemplating the buying of the elvtr. of A. E. Stambaugh which Mr. Stambaugh recently closed.

Moweaqua, Ill.—C. R. Williams, Dalton City, is now mgr. for the Farmers Grain Co. here and is installed at the elvtr. bot from McKenzie Grain Co.

Harrisburg, Ill.—The Parkers Grain & Timber Co., incorporated capital stock \$150,000; C. V. Parker, Lillie Parker and Frank Parker, incorporators.

Illioopolis, Ill.—The Farmers Co-op. Co. will succeed the Farmers' Grain Co. in a few days, and will be operated entirely on the co-operative plan.

Cowden, Ill.—Clyde Howe, formerly postmaster, is now mgr. for the Farmers Co-op. Equity Exchange, which recently bot the elvtr. of S. S. Scovil.

Lanton, Ill.—The Hammond Co-operative Grain Co. has bot the elvtr. of L. J. Kaiser. It will be overhauled and placed in good condition very soon.

Nyota, Ill.—An elvtr. costing \$13,000 will be erected by the Farmers Elvtr. & Supply Co., of which E. C. Ferguson is pres., and L. L. Cambre, sec'y-treas.

Summerfield, Ill.—The Co-op. Grain Co. has bot the elvtr. of the Pfeffer Milling Co., of Lebanon, for \$100,000. The houses will be overhauled this spring.—B. W. Tillman, Belleville Grain Co.

Romeoville, Ill.—The Lockport-Du Page Elvtr. Co. incorporated; capital stock \$20,000; incorporators Frank L. Read, J. Schumacher, A. Weber and others.

Jacksonville, Ill.—Walter Huston will become a member of the F. J. Blackburn Grain Co., the change will not affect the interests of A. E. Williamson in the firm.

Seaton, Ill.—E. E. South is business mgr. and Thos. Edmonds elvtr mgr. for us. Scott was formerly mgr. for the E. G. Lewis Seed Co. Monmouth.—Seaton Farmers Grain Co.

Benson, Ill.—The recently organized Farmers Elvtr. Co. owns all the elvtrs. here at present, having bot the house of James Shields at \$20,000, possession being given July 1.

South Ottawa, (Ottawa p. o.), Ill.—I am in charge here of the elvtr. of the South Ottawa Grain Co., which they recently bot of the Illinois Valley Grain Co.—A. G. Zenor.

Richards, (Streator p. o.), Ill.—Robert Jones, mgr. for the G. W. Graham Grain Co., is very ill at the hospital and it will be a few days before his recovery is an assured thing.

Peters (Edwardsville p. o.), Ill.—The Co-op. Grain & Feed Co. is making an effort to buy the elvtr. of the Valier Spies Milling Co. for the location of a plant. If not it will build later.

Chesterville (Lincoln p. o.), Ill.—While J. Theobald was helping to unload corn recently, he fell and became entangled in the machinery. Several of his ribs were fractured and he was internally hurt.

Fogarty Siding, (Lincoln p. o.), Ill.—The Farmers Grain & Coal Co. has a new mgr., in the person of Ed E. Ewing, formerly mgr. for the East Lincoln Farmers Grain Co., at Kruger, (Lincoln p. o.).

Belleville, Ill.—The Belleville-Co-op Grain Co. has bot the elvtr. of the Postel Milling Co., of Mascoutah for \$10,000. The house will be overhauled this spring.—B. W. Tillman, Belleville, Co-op. Grain Co.

Meridan, Ill.—Chas. E. Gallagher, formerly mgr. for Brokaw & Spaulding, has bot the interests of the partners and now operates the business in his own name. He also bot the house at Clarion.

Fillmore, Ill.—We have let contract to A. G. Boggess for a 15,000-bu grain and ear corn elvtr. of frame construction. The elvtr will be iron clad and is to be completed about May 10.—Z. A. McCallum, mgr. Fillmore Farmers Co-op. Ass'n.

Alvin, Ill.—Frank E. Yeazell has bought all the stock of the Alvin Grain & Electric Co. thereby acquiring a concrete elevator and a metal clad elevator as well as the power plant which supplies the towns of Alvin, and Bismark with electricity.—T.

Agnew, (Galt p. o.), Ill.—We will not build an elvtr. yet but we will put in a Howe Scale at the grain office and will remodel our dumps for trucks. We also intend to put in a scale for the weighing of live stock.—Geo. F. Hall, mgr. Farmers Elvtr. Co.

Augusta, Ill.—The recently organized Farmers Co-op. Co. will build a 35,000-bus. concrete elvtr. and soon as possible will install truck dump and scales. C. E. Dawkins has also sold out to us.—Arthur Jump, mgr. for Farmers Co-operative Co.

Ophiem, Ill.—The office of the Oppenheim Grain Co. burned recently with a loss of \$500 and an insurance of \$375. A temporary office will be built soon and a permanent brick office will be put up next summer. All books were saved. R. T. Gustus is mgr.

Joliet, Ill.—P. W. Walsh, for many years in the grain business, died Feb. 23, at the home of his sister in Chicago, but the body was brot to his old home here for burial. He conducted an elvtr. in Symerton and was later interested at Spencer. He was 49 years old.

Flanagan, Ill.—The Farmers Grain & Coal Co. has let contract for a 60,000-bu. 13 bin concrete elvtr. to the Reliance Cons. Co. The equipment will include a 25 h. p. Fairbanks-Morse Y engine, 3,000 bu. Richardson Automatic Scale, 2 stand of elvtrs. with 10x6 inch V buckets, and Western Manlift.

Taylorville, Ill.—Chas. McKenzie has bot a large site for new warehouses, elvtr. feed mill, barn, etc. He will engage as heretofore in L. S. business but C. A. McKenzie will take care of the elvtr. and feed business. C. A. recently sold his business here but after some time at Moweaqua disposed of his new elvtr. there and is coming home again.

Dillsburg, Ill.—The Dillsburg Co-op. Grain Co. has bot the elvtr. at this station formerly owned by Coon Bros. of Rantoul, two houses and all elvtr. equipment, etc. We will take possession about Apr. 1. We have also hired E. E. Strubling for mgr. He has been mgr. of one of the elvtrs. of Coon Bros. for years.—Ed. L. Ekblaw, sec'y Dillsburg Co-operative Grain Co., Rantoul, Ill.

Bloomington, Ill.—L. E. Slick was convicted Mar. 6 of having filed a fraudulent income tax return. In 1917 he made oath his net income was \$2,700, on which the tax was \$11.72. Government agents allege his net income for the year was \$112,000, and that his tax should have been \$29,000. The government has assessed him \$58,000 as tax and penalty. Mr. Slick's attorneys will argue for a new trial.

St. Francisville, Ill.—One of the most modern country elvtrs., that has been constructed so far is located here. The property is owned by Mr. Charles W. Baker of Vincennes, and is operated as one of the Piel & Baker line. The plant is of concrete and metal construction and is built on the side of a hill. Wagons drive directly onto the floor over the bins and unload into the bins by means of dump. Power for the separators and few conveyors used in the plant is supplied by an electric motor.—T.

Decatur, Ill.—We desire to announce our new grain firm at this market as buyers and shippers of car lot grain, composed of Victor Dewein, formerly Pres. Illinois Grain Dealers Ass'n, now a director of the state ass'n also serving as a director in the Grain Dealers National Ass'n, who for the past 19 years operated a country elvtr. and Thurman E. Hamman, recently of Cerro Gordo and Milmine, Ill., with 15 years' experience as a country grain dealer. Both of the above men will devote their entire time to the business of the new firm and have opened an office in the new Suffern Building recently occupied by the W. H. Suffern Grain Co., which is now retiring from the grain business. Associated with us will be the able assistants formerly with Mr. Suffern. We have started excavating for our modern, concrete elvtr. at the foot of Gault St., which will be equipped with fast handling machinery, a working capacity of 50 cars per day, two 2,000 bushel Howe Hopper scales of the latest type, a 10,000 to 15,000 bu. per day drier, bleacher, clipper, sacker and cleaner. We shall specialize in recleaned, natural and kiln-dried corn for the exacting miller, purified and clipped oats, or in general, corn and oats either bulk or sacked, straight or mixed cars for any particular trade, or feeder, in any amount, or for any time of shipment. We ship our goods under supervised Decatur weights and federal grades customary trade terms, guaranteeing quality and satisfaction. We will quote you regularly when our plant is in operation, which we expect next July, until that time we will ship bulk corn and oats from country run grain.—Dewein-Hamman Co.

CHICAGO NOTES.

Chicago Board of Trade memberships are selling at \$10,000.

Frank F. Thompson has been admitted as a general partner in the firm of Jas. E. Bennett & Co.

The rate of interest for advances on Bs/L has been set by the finance com'te at 7% per annum for the month of March.

New members of the Board of Trade are J. Wm. Barkdull, Roy H. Mathis, Herbert Schram, And. H. Rutledge and Einar Middleton. Memberships transferred are Edgar H. Bright, Thos. J. Bartholow, Geo. C. Eldredge, F. S. Hayward and Alden B. Swift.

J. C. Murray, mgr. of the grain dept. of the Quaker Oats Co., and S. P. Arnot also interested in grain and grain doings, are spending a few days vacation in South Carolina. Mr. Arnot is reported to have taken an involuntary dive from the end of the pier while entering a fishing boat and to have dislocated his shoulder.

The directors of the Board of Trade have suggested a pension for the old employees of the Board and a vote will be taken at an early date. Any employee who has been in the employ of the Board for 25 years or more and is over 60 years old will be entitled to a pension which will amount to 1/10 of the total compensation received for the 5 years prior to his retirement, the sum to be paid yearly, the amount under no circumstances to be over \$1,300 per year. There are several men now eligible for pensions.

The Adams Express Bldg. has been leased for 6 months by the Grain Corporation and will be used by the flour and milling divisions.

The business of the old firm of Ware & Leland will be divided May 1 between two new firms, E. F. Leland & Co. taking over the Chicago business, all its branches and leased wires, while Ware & Tranter will engage in the business at New York, continuing the New York office and serving as the eastern connection of E. F. Leland & Co. In partnership with Mr. Leland will be Edward J. Schaack, Harry B. Signor and John N. Weinand. The New York firm will be composed of J. Herbert Ware and Sefton Tranter. When the new building at 116 Jackson Blvd. is completed E. F. Leland & Co. will take the entire second floor, in the meantime occupying its temporary offices in the Lombard Hotel.

We have taken over the Michigan Central Elvtr. at 123d and Cottage Str. Our company is an Illinois Corporation. The stock is held by 14 members of the Chicago Board of Trade and Col. F. H. Mealiff, who for many years has been mgr. of the elvtr. for the Michigan Central Railroad Co. and, who will continue to act as general mgr. for the new corporation. On Mar. 1 the elvtr. passed under the supervision of the Custodian Dept. of the Board of Trade. It was the prime object of the incorporators of the company to afford to the members of the Board of Trade and the shipping public a much-needed facility at this market. Directors and officers: W. P. Anderson, pres.; F. H. Mealiff, vice-pres.-gen. mgr.; A. B. Lord, treas.; F. G. Ely, A. Rothschild, G. H. Tanner, sec'y.

PEORIA LETTER.

The Board of Trade is still talking of its new home to be.

P. R. Miles has been elected pres. of the Chamber of Commerce Ass'n the holding company that owns the Board of Trade Bldg. H. H. Dewey is pres. pro tem. John R. Loifgren, sec'y and Wm. E. Stone, treas.

On Feb. 10, 1920, we opened cash grain and future offices at Peoria, A. C. McKinley, mgr. in charge, J. C. Shaffer & Co. cash grain and Shaffer & Stream private wires. E. W. Sands formerly with Lowitz & Co. is also located with us at the Peoria office in the Jefferson Bldg.—J. C. Shaffer & Co.

We have not heard of any new elvtrs. to be built in this district. The E. B. Conover Grain Co. Elvtr. at Peoria is to be ready for operation the middle of this month. The American Milling Co.'s new mill is under construction. B. E. Wrigley became associated with us the first of March.—G. C. McFadden & Co.

INDIANA

Roann, Ind.—Farmers are greatly interested in plans for an elvtr.

Nora, Ind.—Hinshaw Elvtr. Co., has filed articles of dissolution.

Muncie, Ind.—The farmers here are planning to erect an elvtr. or buy one.

Coburg, (Alida p. o.), Ind.—Farmers in this vicinity are organizing a company.

State Line, Ind.—We have succeeded M. A. Current & Co.—State Line Grain Co.

Fountain City, Ind.—We have bot the elvtr. of Powell & Co.—W. D. Wilson & Co.

Fowlerston, Ind.—Farmers are interested in the organization of an elvtr. company.

Blountsville, Ind.—Harley Linville has sold his elvtr. to the Farmers Co-operative Co.

Greensfork, Ind.—E. S. Martindale has been mgr. since March 1 at our elvtr.—Farmers Co-operative Co.

Mathews, Ind.—The recently incorporated Farmers Co-op. Grain Co. has bot the elvtr. of the Woodbury-Files Co.

Oakland City, Ind.—Columbia Feed & Grain Co.; incorporated \$12,000; E. R. Ledman, J. M. Summers and C. E. Magrum.

Trafalgar, Ind.—The new farmers elvtr. company has bot the elvtr. of Wm. Suckow for \$22,500 and will take possession April 1.

Mt. Summit, Ind.—Mt. Summit Co-op. Co., incorporated, capital stock \$30,000; incorporators J. P. Ice, C. C. Cary and E. Henry.

Frankfort, Ind.—We have bot the elvtr. of the Clinton Grain Co. which was a farmers' company. We are making a few repairs and minor changes and will install a feed mill.—W. W. Nattix & Son.

Indianapolis, Ind.—The Midwest Elvtr. Co., incorporated; capital stock \$100,000; incorporators Geo. H. E. Vance, Fred R. Hathaway.

Logansport, Ind.—The remaining capital stock for the Logansport Elvtr. Co., which is being organized to buy or build an elvtr., will no doubt be subscribed in a few days.

Fountain City, Ind.—Altho I sold my elvtr. here I still own the houses at Hagerstown and Losantville. Haven't just decided what I had better do, but am still in the grain business now.—Powell & Co., by John Powell.

Indianapolis, Ind.—The following have been elected to membership in this ass'n: Horton Elvtr. Co., Hortonville, Ind.; O. L. Means, Shelbyville, Ind.; J. M. Hornung & Sons, Greensburg, Ind.—Chas. B. Riley, sec'y, Indiana Grain Dealers Ass'n.

South Bend, Ind.—E. Lowitz & Co., grain and stock brokers of Chicago, have opened a new office in this city. Private wires have been installed to New York and Chicago. Grant Lewis, until recently with Thompson & McKinnon, is manager.

Speicher, (Wabash p. o.), Ind.—We have built a new elvtr. of 16,500 bus. capacity, of vitrified tile, the plant costing about \$30,000. We will open in a few days for grain and are at present grinding a little feed.—J. R. Elwood, Farmers Co-operative Elvtr. Co.

North Vernon, Ind.—The Ebert flour mill is being put into first class condition, and a pneumatic conveyor system will probably be installed for handling grain. This mill is operated under the firm name of Ebert & Brother. O. J. Eberts is manager.—T.

Raub, Ind.—Lee Kelley, mgr. Raub Grain Co., was sick last week but too game to leave his post. His elevator was busy receiving grain, also shipping it as fast as he could get cars. The company has purchased two freight cars for shipping grain to nearby points.—T.

Vincennes, Ind.—Three intelligent men pulling together ought to make a stout firm, in fact it does for the combined efforts of Mr. O. T. Stout and his two brothers, one of whom is located at Memphis, Tennessee, are keeping the Atlas Mills busy these days. The firm also owns and operates a large elevator in Vincennes.—T.

Holton, Ind.—O. P. Shook is the kind of a man that is an asset to any community. He is what is popularly known as a "booster" for his town but his "boosting" is expressed in action and not words. He organized and made a success of Holton's first bank, and then took hold of the milling business, where he scored success again.—T.

Nappanee, Ind.—It may be of interest to you to learn that we have purchased the elvtr. and business here formerly owned and operated by George Brothers & Huff. This last named firm have established an office at this place for the purpose of conducting a business in live stock and peppermint oil. All other lines such as grain, hay, flour, feed, seeds, fertilizer, posts, etc., will be handled by us.—Syler & Syler.

IOWA

Popejoy, Ia.—The Farmers Elvtr. Co. has a new mgr. He is A. J. Fisher of Waterloo.

Blockton, Ia.—Farmers are deeply interested in the formation of a company here to build an elvtr.

Grundy Center, Ia.—Many improvements will be made in the elvtr. of the Farmers Co-op. Elvtr. Co.

Manson, Ia.—Ira J. Miller is now mgr. for the Farmers Elvtr. Co. I have resigned.—E. H. Rudloff.

Pierson, Ia.—Wm. Grettenberg has bot the interest of H. S. Nevillier in the Grettenberg Grain Co.

Lincoln, Ia.—An addition will be built to the new elvtr. of the Farmers Elvtr. Co. as soon as possible.

Wiota, Ia.—Farmers are deeply interested in the formation of a company to buy or build an elvtr. here.

Jolley, Ia.—The Farmers Elvtr. Co. will equip its elvtr. at this station with a Hall Signaling Distributor.

Rich Point (Algona p. o.), Ia.—The recently organized Irvington Grain & L. S. Co., of Irvington, will not build here as reported, having bot the elvtr. of the Bowles, Kessler Co. at that station.

Webster, Ia.—The Diamond Lbr. Co. has let contract for a 10,000-bu. cribbed elvtr. to the Newell Constr. Co.

Shenandoah, Ia.—The Farmers Co-operative Union has bot the elvtr. of J. L. Gwynn.—Turner Bros., Essex.

Oasis, Ia.—The Farmers Union Exchange has let contract to the Newell Constr. Co. for a 7,000-bu. cribbed elvtr.

Gladbrook, Ia.—We will build a large coal pocket with all Godfrey equipment.—D. L. Ray, mgr., Farmers Elvtr. Co.

Clarkville, Ia.—Muller & Brockman have let the contract for the building of a new wooden elvtr. to the Newell Constr. Co.

Lytton, Ia.—Mgr. Fred Haffner of Farmers Elvtr. Co. has bot a home for his family here and will come to stay at once.

Stratford, Ia.—The Stratford Grain & Supply Co. is installing new machinery, including a new dump, wagon and truck dump.

Lone Tree, Ia.—We have installed a 15-h.p. motor, one 20 h.p. motor and a 10-ton auto truck scale.—Farmers Union Exchange.

Luther, Ia.—The Farmers Co-operative Elvtr. Co. has arranged for the purchase of an elvtr. and will start in business June 1.

Clearfield, Ia.—The Farmers Elvtr. Co. at this point will erect a 20,000-bu. concrete elvtr. The Newell Constr. Co. has the contract.

Ida Grove, Ia.—D. E. Shorrett has exchanged his elvtr. for a 185-acre farm. The new elvtr. man is Wm. Auchestetter, of Arthur.

Wiota, Ia.—For the present at least, farmers of this vicinity, have completely dropped the idea of organizing an elvtr. company.

Rowan, Ia.—A. O. Pelly and Wm. Reitz have bot the business of the Rowan Lbr. & Grain Co., of which Fritz & Virden were props.

Wesley, Ia.—Wm. Sprangler, formerly mgr. for the Farmers Elvtr. Co., has resigned and has bot the elvtr. of Mullen & Doughan at Britt.

Britt, Ia.—Wm. Sprangler, formerly mgr. for the Farmers Elvtr. Co. at Wesley, has bot the elvtr. of Mullen & Doughan and will operate it.

Monroe, Ia.—There has been some talk of a farmers elvtr. company here, but there has been nothing definite accomplished.—R. B. Hender-shot.

Chillicothe, Ia.—Lamis & Hoose of Eddyville will build a 10,000-bu. cribbed elvtr. at this point. Contract has been let to the Newell Constr. Co.

Strawberry Point, Ia.—Strawberry Co-op. Commission Co. incorporated for \$50,000; incorporators. D. J. Ivory, pres.; I. D. Walcott, sec'y and mgr.

Cedar Rapids, Ia.—The National Oats Co. expects to make extensive additions to its plant.—L. J. Vondracek, ass't in grain field sampling section.

Whitten, Ia.—The Farmers Co-op. Co. has been organized at this town. They have purchased the elvtr. A. J. Mabie & Son. Will Axelsson will be mgr.

Archer, Ia.—The Parry Products Co., of Milwaukee, will build an elvtr. and feed storage plant, to cost \$150,000. Contract has been let to the J. C. Burrell Co.

Irvington, Ia.—I have changed my plans and will not settle here, as I planned. I am now at Cherokee, Ia.—A. T. Montgomery, former mgr. for Irvington Feed Ass'n.

Mason City, Ia.—Howard Baldwin, for the last year mgr. here for the Taylor & Bournique Co., has now accepted a like position with W. F. Hubbard at Northcote, Minn.

Buckingham, Ia.—I have succeeded John Koneppe as mgr. for the Buckingham Grain Co. He has located on a farm near Canby. We are putting in a rope drive.—W. F. Wehrhan.

Emerson, Ia.—We can not say as yet just what the farmers will do. They have raised considerable money, but there seems to be considerable divided sentiment about it.—X.

Barnum, Ia.—We are going to remodel our old elvtr. here and will install new scales and truck dump. We shall also build a brick annex for grain storage.—Barnum Elvtr. Co., A. P. Ruehl.

Davenport, Ia.—Capt. L. Bryson, in the grain trade from 1876 to 1890 at this point, is dead at the age of 80 years at his daughter's home in Hammond, Ind., after only a week's illness. The remains were interred at Newport, Ky., his childhood home.

Stilson (Britt p. o.), Ia.—Farmers have organized an elvtr. company and bot the elvtr. of the Bowles-Kessler Co. and now operate it as the Stilson Co-op. Grain Co., with S. C. Brickley as mgr.

Glidden, Ia.—The capital stock of the Farmers Elvtr. Co. was doubled at its last meeting and plans were made for a new 65,000-bu. up-to-date concrete elvtr. to be built as soon as the weather allows.

Smithland, Ia.—We have had a bank robbery here and I was one of those that went "after them." Have been sick with the "flu" but am back on the job.—I. A. Cookem, agt. Trans Mississippi Grain Co.

St. Benedict, Ia.—The newly organized Farmers Grain Co. has bot the elvtr. of Bowles, Kessler Grain Co. and will operate it. A. B. Vanteicher of this city is sec'y. Mgr. has not been hired.—Peoples Savings Bank.

Orient, Ia.—The elvtr. of Sumner White, containing 13,000 bus. of grain, burned at 5 p. m., March 1. Some of the grain may be salvaged. Total loss is placed at \$25,000, covered by insurance. An elvtr. of Mr. White's burned on the same site about 2 years ago.

Cedar Rapids, Ia.—The Douglas Starch Co. has sent out word that the plant would be rebuilt here. It was destroyed by an explosion in 1919, but as the company has promised to take every possible precaution against a recurrence of the disaster a permit will be granted to rebuild.

Cedar Rapids, Ia.—Efforts are being made to have an amicable settlement made of all claims against the Douglas Starch Co., due to the explosion of the starch works last May. Com'ites have been appointed and it is that that there will be no trouble as to terms. The company will probably be allowed to rebuild.

Council Bluffs, Ia.—Wm. McClelland, employed in the elvtr. of the Trans-Mississippi Grain Co., on Feb. 20 was fatally injured, when his leg was caught in a cable while he was assisting in unloading grain. Blood poison later set in and altho 3 operations were made on the leg to save him, he died Feb. 24 of gangrene. He is survived by a wife and 6 boys.

Allison, Ia.—Lowell H. Potter of the Hill & Potter Grain Co., died at 11 a. m., Feb. 23, a few moments after he had reached the hospital at Independence, to which he was taken with the hope that the skilled treatment there would benefit him. In Mar. 1914, Mr. Potter and his father-in-law, E. A. Hill bot the elvtr. of Flynn Bros. The house was a success from the start under the able management of the late Mr. Potter. He was born May 15, 1886, and is survived by his widow and two small children.

SIoux CITY LETTER.

Mrs. C. J. Furst, wife of the ass't mgr. of McCaull Dinsmore Co., died recently.

E. E. Stalker, cash buyer of the Western Terminal Elvtr. Co., has resigned his position to take effect April 1. He will go to Tuscola, Ill., where he will be connected with Jas. L. Bush, correspondent of Lamson Bros. & Co.

DES MOINES LETTER.

The Hawkeye Grain Co. has taken over the office of Mayer & Holbrook.

Des Moines, Ia.—We will install boots, buckets, car mover and elvtr. leg.—Stockley Grain Co.

Major Moberly fell and broke his ankle avoiding being struck by an automobile and will be on the sick list for 2 or 3 weeks.

Des Moines, Ia.—The Planters Terminal Elvtr. Co. has bot 8 blocks of land and it is believed that the company's new elvtr. will be built here.

Des Moines, Ia.—H. W. Mott, of Taylor & Patton, has succeeded R. G. Williams ass't mgr. for Lamson Bros. & Co., Mr. Mason having been made mgr. for the company at Mason City. W. H. Sievert is mgr. here.

We have made a slight change in the dates for the annual convention of the Western Grain Dealers Ass'n, and the same will be held at Des Moines on Thursday and Friday, April 1 and 2, instead of Friday and Saturday, April 2 and 3. There was considerable objection to having the convention on Saturday as it would be inconvenient for many of the dealers to reach home without being away over Sunday.—Geo. A. Wells, sec'y.

Sargent & Co. have bot the feed business of F. A. Lambert and his membership in the Board of Trade has been purchased by the Sargent & Ash Mills.

The Farmers Terminal Elvtr. Co. has let the contract to the Younglove Const. Co. for a grain elvtr. costing \$600,000, to be erected at North Riverside.

The Iowa Corn Products Co. will build a corn products plant here. Will build head house, 91,000 bus. capacity to handle 250,000 storage. Contract will be let soon.

The warehouse of Sargent & Co. burned with a \$100,000 loss, well covered by insurance. Business has been resumed in a small whse. in the plant of Shipley & Lambert which they just bot. Rebuilding will begin at once.

KANSAS

Carbondale, Kan.—Ray Markley now owns an elvtr. here.

Belpre, Kan.—Wm. Dill is our new mgr. here.—C. J. Laird.

Parker, Kan.—Farmers are making an effort to form a company.

Lebo, Kan.—An elvtr. is planned by the Granger Co-operative Ass'n.

Scott City, Kan.—The Farmers Union contemplates erecting an elvtr.

Fredonia, Kan.—The H. W. Smith Hay & Grain Co. has been incorporated.

Stillwell, Kan.—The Blaker Lumber & Grain Co. recently suffered loss by fire.

Gerlane, Kan.—The new tile elvtr. of the Farmers Elvtr. Co. has been completed.

Zarah, Kan.—E. Martindale is pres. and mgr. of our company.—Zarah Mill & Elvtr. Co.

Oketa, Kan.—I am mgr. of the Farmers Union Co-op. Ass'n here.—E. T. Smith.

Osgood, Kan.—The Ransom Farmers Union Ransom, will build an elvtr. at this station.

Kipp, Kan.—The Farmers Grain & Merch. Co. has increased its capital stock to \$30,000.

Rush Center, Kan.—Vernon Peterson is now mgr. and buyer for the Rock Milling & Elvtr. Co.

Ransom, Kan.—The Farmers Union will make repairs on its elvtr. here. Geo. M. Schoeppe is mgr.

Burlingame, Kan.—The elvtr. recently purchased by the Grange will be managed by Geo. Calkins.

Harveyville, Kan.—I am now mgr. for the Harveyville Grange Co-op. Business Ass'n.—Geo. W. Calkins.

McFarland, Kan.—The Farmers Union Co-operative Business Ass'n has bot the elvtr. of Geo. Noller.

Sherwin Junction, Kan.—The Farmers Union Co-op. Ass'n has bot the elvtr. of the Rea Patterson Milling Co.

Hutchinson, Kan.—Carl A. Lovell and J. A. Hausam have opened a grain office at this market as J. Hausam & Co.

Moorehead, Kan.—We will build a 10,000-bu. modern elvtr. here as soon as possible.—N. Sauer Milling Co., Cherryvale.

Homer, Kan.—T. B. Carter is pres. of the new stock company that has bot the elvtr. of the Farmers Co-op. Merc. Ass'n.

Halls Summit, Kan.—A 20,000-bu. elvtr. is to be erected here by the Associated Mill & Elvtr. Co., of Kansas City, Mo.

Junction City, Kan.—The capital stock of the B. Rockwell Merchandise & Grain Co. has been increased from \$50,000 to \$100,000.

Herington, Kan.—C. E. Chase has been employed to manage the Farmers Union Elvtr. Co. which will also build a flour mill.

Wichita, Kan.—The Cameron Grain Co. has been incorporated with \$22,000 capital stock by W. J. Cameron, W. A. Teter and others.

Carbondale, Kan.—We have disposed of our interest in the elvtr. and it will now be operated as the Carbondale Elvtr. Co.—J. M. Patterson.

Topeka, Kan.—Having sold our elvtr. at Harveyville, we may enter the grain business at this station in this city.—J. H. Dougan & Son.

Junction City, Kan.—The Geary County Farmers Union Co-op. Exchange has installed a 10-ton truck scale and has built above the driveway a grinding room with grinder and hoppers bins with both wagon and sackin' spouts.

Harveyville, Kan.—We have sold our elvtr. here to the Harveyville Grange Co. We will probably go into the grain business in Topeka. J. H. Dougan & Son.

Oneida, Kan.—C. E. Story, mgr. of the Farmers Elvtr. Co., of Barneston, Neb., has bot my elvtr. here and I am out of the grain business now.—C. F. Blauer.

Hardtner, Kan.—An elvtr. will be erected here by the recently organized Exchange Co-operative Grain & Merc. Co. John Wetz and Frank Shеды are interested.

Severy, Kan.—We are out of the grain business. Want to go back, but never will till we get a square deal from the railroads.—W. Brandt, A. M. Brandt & Sons.

Stillwell, Kan.—We bot our elvtr. here some time ago from the Jones Bros. We will probably make some repairs this spring.—Cyril J. Whisher, mgr. Co-op. Business Ass'n.

Ottawa, Kan.—The Ross Milling Co. has let a contract for a new head-house elvtr. and tanks complete for 125,000 bus. with arrangement for additional storage as needed.

Phillipsburg, Kan.—The Farmers Union Co. planning a 20,000-bu. fireproof elvtr. of tile concrete to replace the house we have.—R. Anderson, gen. mgr. Phillips County Farmers Ass'n.

Coldwater, Kan.—We are building a new modern brick office. There is nothing in the report that I am going to locate in Buffalo, Okla. was there with a friend one day, but shall stay here.—Harry Marshall, mgr. Farmers Elvtr. Co.

Prague, Kan.—We have increased our capital stock to \$50,000 and will change the name of the firm to Farmers Union Co-op. Co. E. J. Kasper, former ass't mgr., has resigned and is now mgr. for the Farmers Union Co-op. Co. at Kimball.—Anthon Peterzelka, mgr. Farmers Co-op. Co.

Wichita, Kan.—The following new members were admitted to membership on the Board of Trade recently: Paul Mathews, R. R. Roth, B. Zimmerman, I. H. Blood, C. O. Avey, Jess Clinesmith, W. T. Whitney, A. F. Johns, H. Ranson, Jas. Dixon, A. V. Williamson, George Ricker, and E. F. Merrill.—R. B. Walermire, sec'y.

Hutchinson, Kan.—Carl Hipple, pres. of the Board of Trade, looked so pleased and happy at a meeting of the Board that even the glumest had to smile. The smile was all on account of the fact that Pres. Hipple had the last 15,000 needed to make up the \$100,000 that the grain men had promised to raise for a building fund for a new home.

Hutchinson, Kan.—We have sold the following elvtrs. within the last year: Hooker, Okla., to Salee Bros.; Kismet Cullison, and Plains Kan., to Reno Grain Co.; Meade, Kan., to Johnson, Coldwater, Kan.; Seward to Keystone Milling Co. of Larned; Belpre, Belpre Co-op. Grain Co.; Bloom, Kan. to the C. M. Light Grain Co. of Liberal; and Hopewell and Abbeville, to the L. H. Pettit Grain Co. of this city.—Reno Flour Mills Co.

ATCHISON LETTER.

The directors of the Board of Trade expect shortly to call a meeting of the membership for the purpose of materially increasing the cost of the remaining memberships in order to place these costs on a basis comparable with the cost of memberships in other exchanges of like importance in this part of the country.

J. S. Hart, chief inspector of the Kansas State Grain Inspection and Weighing Department, paid the Atchison Board of Trade a visit on Mar. 2nd. Mr. Hart came to Atchison primarily to inaugurate the new regulations which he has placed in effect, namely, that of furnishing regular salaried state weighmasters in Atchison, who will continue to issue official state weights under his Department.

Wide interest is being manifested in Atchison's Board of Trade. Since Jan. 1st, 1920, eleven new applications have been received for membership. Applications have recently been received from J. R. Schmitt, manager, coarse grain department of Dilts & Morgan Grain Merchants of Kansas City, and J. M. Paul, grain broker of Lincoln, Neb. Only eleven more memberships are left in the Board of Trade, and at the rate they are going it is not expected that they will last long.

Progress of The Atchison Mills Corporation is very satisfactory. As soon as title is secured for site, work will commence at once. The two leading and attractive Flour brands adopted by The Atchison Mills Corporation for domestic use are Candle Light and Tribune.

KENTUCKY

Paducah, Ky.—We have succeeded Lack Redford Elvtr. Co. and our officers are F. E. Lack, pres. and gen. mgr.; Brack Owen, vice-pres.; F. S. Lack, treas. and W. C. Sparks, sec'y and ass't mgr.—Kentucky Elvtr. & Mfg. Co.

LOUISIANA

Shreveport, La.—The Shreveport Mill & Elvtr. Co. has absorbed the Kalmbach-Ford Co. and has been reorganized with \$30,000 capital stock.

New Orleans, La.—In their 23rd annual report just published the Board of Commissioners for the Port of New Orleans shows a successful year of operation of the public grain elevator, which between Sept. 1, 1918, and Aug. 31, 1919, earned \$28,912 above all expense and charges. The total receipts were \$371,652.72, made up by elevation, \$138,577.40; drying, \$1,798.43; sacking, \$2,637.40; scouring and cleaning, \$1,018.92; extra handling, \$2,982.85; loading cars grain, \$137; emptying sacks, \$30,636.30; storing, \$176,208.67; stenciling, \$81; grain doors, \$1,727.54; interest on interest and deposits, \$2,908.69; lease Otis Mfg. Co., \$4,530.96; dockage, \$89.67; proceeds over grain, \$8,317.89.

MARYLAND

Hagerstown, Md.—We are building a 4-story reinforced concrete warehouse. A. E. Baxter furnished plans and Deverell, Spencer & Co. have contract for erection.—B. A. Stickell & Sons.

BALTIMORE LETTER.

J. Omar Woodrum has made application for membership in the Chamber of Commerce.

Baltimore, Md.—J. A. Manger has been elected chairman of the oats com'te of the exchange.

Baltimore, Md.—New members of the Chamber of Commerce are Gordon P. White, L. M. Burton. Memberships transferred are C. H. Reeves, D. H. Thics and Wm. Winchester. The membership of M. B. Matheson has been posted for transfer.

MICHIGAN

Mt. Morris, Mich.—The Mt. Morris Co-op. Elvtr. Co. has gone out of business.—B.

Gowen (R. F. D. 1, Box 100), Mich.—I am planning to build a small elvtr. here.—Albert M. Petersen.

Grand Rapids, Mich.—We will have moved our offices to the Kelly bldg.—Western Michigan Jobbers Inc.

Mason, Mich.—Lee T. Lasenby has been chosen gen. mgr. for the Mason Co-op. Shipping Ass'n, which plans to buy an elvtr.

Tecumseh, Mich.—Daniel Gratz of Gratz & Co., is dead. He was ill a little over a week. For the last 17 years he had been in the grain business here. He was buried at New Butler, Ind.

Vermontville, Mich.—The Citizens Elvtr. Co. has been organized with a capital stock of \$25,000 and efforts will be made to buy the elvtr. of C. A. Anderson & Son, who are willing to sell at a reasonable price.

Constantine, Mich.—I have sold the feed mill at Constantine, the elvtr. at White Pigeon and the elvtr. at Moore Park to the Constantine Co-operative Buying & Selling Ass'n of Constantine, Mich.; transfer to take place March 31st next. The first of last December the Harvey Bros. sold the flour mill here in Constantine to Thomas Edwards, who now runs it. It still goes as before under the name of the Constantine Milling Co. The Constantine Co-operative Buying & Selling Ass'n elvtr. here in Constantine burned Feb. 3 last. The elvtr. on the N. Y. C. tracks at Schoolcraft, and owned by W. L. Harvey, burned Feb. 10th last and he will not rebuild. Elvtr. was built in 1867.—W. J. Thomas.

Pinconing, Mich.—The cause of our fire unknown—loss including building, grain, beans and seeds would not be less than \$130,000 with \$73,000 worth of Insurance. We will build another elvtr. similar to the one that burned. The elvtr. that burned was the best and largest equipped elvtr. in Northern Michigan. Capacity of 80,000 bus. and electric equipped.—East Michigan Bean & Grain Co., Thos. Hartwick, Treas.

MINNESOTA

Wylie, Minn.—A concrete foundation will be put in by the Farmers Elvtr. & Merc. Co.

Rochester, Minn.—The Farmers will make an effort to organize an elvtr. company here.

Fairbault, Minn.—The Commander Elvtr. Co. will install a succotash mill.—J. A. Ray, agt.

Savage, Minn.—Geo. Kokeley has succeeded Geo. Allen as mgr. for the Farmers Elvtr. Co.

Clitherall, Minn.—J. Lokken is mgr. for the Nelson Co. and I am mgr. for the Grain Ass'n.—Harry Keye.

Northote, Minn.—Howard Baldwin, mgr. for the Taylor-Bourne Co. at Mason City, Ia., is now with W. M. Hubbard here.

Argusville, Minn.—The Farmers' Elvtr. Co. of this place will make improvements in its plant here. The T. E. Ibberson Co. will do the work.

West Concord, Minn.—The Farmers Elvtr. Co. will rebuild the elvtr. that burned in the fall.—T. G. Nesseth, mgr. of R. E. Jones Co., Kenyon.

Virginia, Minn.—The Kelsey Merc. Co. recently bot the elvtr. of Herman Lando and will handle hay, grain and feeds. Capital stock, \$200,000.

Kennedy, Minn.—The Farmers' Elvtr. Co. at Kennedy, Minn., will build a new 50,000-bu., 3-leg, 22-in. elvtr. The T. E. Ibberson Co. has the contract.

Bellingham, Minn.—The Farmers Elvtr. Co. will build 20,000-bu. additional storage to its elvtr. at this place. T. E. Ibberson Co. of Minneapolis will do the work.

Argyle, Minn.—The Farmers' Elvtr. Co. of this place will install truck dumps and make many improvements in its plant here. The T. E. Ibberson Co. will do the work.

Foxhome, Minn.—The elvtr. of G. B. Southall was burned recently. The house was filled with grain and the loss is heavy. Crossed wires are said to have been the cause.

Wanamingo, Minn.—The Farmers Elvtr. Co. has let contract to the T. E. Ibberson Co. for a 65,000-bu. elvtr. with 30 bins, 3 legs, all modern cleaning machinery, also truck dumps.

Argyle, Minn.—A. W. Headrick of this place will have a crew on the ground this month remodeling his plant here, installing new legs, truck dumps and other modern equipment. The T. E. Ibberson Co. has the contract.

Sanborn, Minn.—The old Independent Elvtr. west of the depot here will be wrecked and shipped to South Dakota, where a new elvtr. will be built from materials secured from this plant. The T. E. Ibberson Co. has the contract for this.

Holloway, Minn.—The elvtr. of the Northwestern Elvtr. Co. is run by A. Krick; A. L. Bahl is in charge of the elvtr. of the Atlas Elvtr. Co.; J. J. Hagen will leave the Co-op. company July 1, he and his son having bot the N. W. elvtr. at Appleton and will take charge of it then.—Holloway Co-op. Farmers Elvtr. Co.

MINNEAPOLIS LETTER.

Commission rates on grain futures at present are: On wheat, corn, barley and rye, $\frac{1}{4}$ c per bu.; on oats, \$1.50 per 1,000 bu. Commission on flax for future delivery, $\frac{1}{2}$ c per bu.

Chas. S. Watts will become local manager for Ware & Leland. He will succeed R. S. Stephens, who has been with this firm for over ten years. Mr. Stephens will go with the Chamber of Commerce office of C. E. Lewis & Co. Mr. Watts, a very popular Minneapolis trader, has been a member of the Chamber of Commerce for thirty years. In his new work he is to be assisted by E. M. Wilcox who has been connected with E. L. Welch & Co. for 14 years.

The Quinn Shephardson Co.'s offices have been moved to the 6th floor of the Board of Trade so that the International Milling Co. can have more room on the 5th and 6th. The quarters of the Western Union and the Postal Telegraph are now on the trading floor.

DULUTH LETTER.

The membership of R. C. Bagley in the Board of Trade has been posted for transfer to A. C. Andrews of Minneapolis.

Duluth, Minn.—A vote taken at a recent special meeting of the Board of Trade, recently raised the memberships to \$7,500, which is an advance of over \$2,500.

MISSOURI

McKittrick, Mo.—Farmers Co-op. Elvtr. Co. incorporated for \$15,000.

Pilot Grove, Mo.—A. G. Olson, has retired as mgr. for the Farmers Elvtr. Co.

Green Ridge, Mo.—Farmers have bot the elvtr. here and will operate it soon.

Martinsburg, Mo.—Farmers are greatly interested in the erection of a new elvtr.

Cape Girardeau, Mo.—F. E. McDonald is now mgr. for the Farmers Co-operative Ass'n.

Silex, Mo.—Ed Sandbothe is now mgr. for the Farmers Elvtr. Co.—Geo. Sandbothe, Martinsburg.

Union, Mo.—The Farmers Elvtr. Co. has elected C. O. Niebruegge as mgr. and Henry J. Rapps as his ass't.

Albany, Mo.—The Iowa-Missouri Grain Co. may build an elvtr. here. None here now.—W. C. Elder, Elder Coal & Ice Co.

Buffalo, Mo.—John Bonner is building two 15,000-bu. reinforced concrete tank elvtrs. to be completed in time for next year's crop.

Carthage, Mo.—We have completed our 250,000 bu. concrete elvtr. and are now operating it.—A. D. McDaniel, McDaniel Milling Co.

Freeman Park (Clarksdale p. o.), Mo.—The Freeman Park Grain, Feed, Fuel & Lumber Co. incorporated with \$5,000 capital stock.

Easton, Mo.—Contrary to all reports there is only one elvtr. here and no prospect of others being built.—J. M. Powell, mgr., Easton Elvtr. Co.

Pilot Grove, Mo.—The Pilot Grove Farmers Elvtr. Co. incorporated with a capital stock of \$20,000; V. Meisenheimer, J. McCutcheon and others incorporators.

Gilliam, Mo.—We will put new siding on our elvtr. this spring and will install a motor in place of a gas engine. G. L. Mayfield is not mgr. Farmers Elvtr. Co.

Mexico, Mo.—Our company has been incorporated and has changed the name to the Producers Grain Co. We are buying material and will build a 30,000-bu. elvtr.—Lester J. Miller, mgr.

Martinsburg, Mo.—The ruins of the elvtr. and warehouse of the Ed Sandbothe Co. were turned over to his father, Jos. Sandbothe, and he is conducting a small feed and grain business.—Geo. Sandbothe.

Melugin (Reeds, p. o.), Mo.—While C. B. McAshland, mgr. of the elvtr. of the Cowgill-Hill Mlg. Co., was laid up with a severe attack of the "flu," M. McDaniel ran the elvtr. and everything went O.K. Mr. McAshland is now back on the job.

Foster, Mo.—We are successors to Waller & Co. and are incorporated as the Farmers Elvtr. Ass'n No. 18. Our elvtr. is completed. Capacity 10,000 bu. We have a warehouse for flour and feed. We also have an outside crib for corn that holds 3,200 bu. of ear corn, which we have full. Officers: Pres., R. R. Bennett; sec., H. J. Scribner.—Farmers Elvtr. Ass'n No. 18, F. E. Goodinough, mgr.

ST. JOSEPH LETTER.

St. Joseph, Mo.—D. P. Moore has succeeded Miss Rae Fuller as mgr. of our office here. He was formerly attached to the Omaha office.—Taylor Grain Co.

Jas. Barker, solicitor for the McKee Grain Co., has resigned his position to accept the management of a branch office of the Alfalfa Creamery Co., Springfield, Mo.

The Marshall Hall Grain Co. has purchased the membership of H. S. Dunn, Okmulgee, Okla. Assignment of the membership to an individual has not yet been made by the above firm. Purchase price was \$4,250.00, transferred.

Membership of C. B. Lightner of Vanderslice-Lynds Co. has been transferred to C. D. Taylor, who has recently joined the local force of this company. Mr. Taylor will handle the cash grain end of the work, representing the firm on the trading floor, while Mr. Lightner will be in charge of the wire service. Additional space has been acquired, and continuous Chicago quotations are being shown on the blackboard recently constructed.

KANSAS CITY LETTER.

The Lappin-Jones Flour & Grain Co. have dissolved partnership.

Geo. M. Crosby has been elected to membership in the Board of Trade.

ST. LOUIS LETTER.

Stephen J. Spain and John N. Weland have applied for membership in the Merchants Exchange.

Eugene Smith, sec'y of the Merchants Exchange, has returned from Eureka Springs, Ark., much improved in health.

MONTANA

Burns, Mont.—A. White is mgr. of the Burns Grain Co.—E. H. F.

Boyd, Mont.—The Treasure State Elvtr. Co. has bot the elvtr. of the Farmers Elvtr. Co. which was bot by them 3 years ago and never opened.

Belt, Mont.—Sam'l Wright has succeeded me as mgr. for the Farmers Mill & Elvtr. Co. I am going to Moscow, Ida., to work for the Mort P. Miller Milling Co.

Great Falls, Mont.—Bids will be received for the construction of the state owned terminal elvtr. in this city up to the 28th inst. They are to be sent to the state examiners. In the meantime Attorney Gen. Ford suggests that the local board holding the bond commission, shall bring a friendly suit against the board of examiners before the supreme court, to ask them to prohibit the sale of the bonds and to test the legality of the elvtr. act.

NEBRASKA

Salem, Neb.—I am the prop. of the Salem Roller Mills.—E. S. Durham.

Inavale, Neb.—The Farmers Union has bot the elvtr. of Chas. Hunter.

Stapleton, Neb.—Farmers are organizing a farmers elvtr. company here.

Union, Neb.—L. G. Todd is the new mgr. of the Farmers Union Elvtr. Co.

Red Cloud, Neb.—The Farmers Union has increased its stock to \$50,000.

West Point, Neb.—Herman Reimers has bot the old elvtr. of the Farmers Co-op. Co.

Pierce, Neb.—The Farmers Grain Co. will make many improvements to its elvtr.

Arapahoe, Neb.—The Arapahoe Flour Mills will equip its plant with a Hall Signaling Distributor.

Springfield, Neb.—The Farmers Co-op. Grain Co. is contemplating the building of a 25,000-bu. elvtr.

Rising Sun, Neb.—H. K. Larson is now mgr. for the Farmers Grain Co., succeeding Frank Braithwaite.

Arbor (Davey, p. o.), Neb.—I am mgr. at this station at this time.—T. E. Bowker, Arbor Co-op. Grain Ass'n.

Rokeby, Neb.—The Rokeby Co-operative Elvtr. Co. has been organized for \$25,000, and will build an elvtr.

Geneva, Neb.—Harry Fussell has succeeded A. E. Webster as mgr. of the Geneva Farmers Co-operative Ass'n.

Loup City, Neb.—The outlook for a Farmers Elvtr. Co. here seem poor to us. This is a poor grain section.—U. B.

Omaha, Neb.—F. B. Sisler is mgr. of our Option Department, with headquarters here.—Trans-Mississippi Grain Co.

Glenwood Park (Kearney p. o.), Neb.—Henry Beadle has resigned as mgr. for the Farmers Elvtr. & Grain Co.

Waco, Neb.—L. M. Pratt of Jackson & Pratt but who recently disposed of his share in the business, has moved to Silica, Kan.

North Bend, Neb.—C. C. Sidner has resigned as mgr. for the Farmers Co-op. Co. and has been succeeded by Verne McIntosh.

Ituby (Milford p. o.), Neb.—Mgr. Fred. Kus fractured his collarbone when he fell while examining a car for the Farmers Elvtr. Co.

Emerald, Neb.—J. Hohnstein is now mgr. for the Farmers Co-op. Elvtr. Co. A Fairbanks Morse auto scale has just been installed in the elvtr.

Sterling, Neb.—We will build coal sheds with truck scales; will improve store building and warehouses.—H. M. Miller, Farmers Union Co-op. Ass'n.

Lanham, Neb.—Farmers Union Co-op. Ass'n incorporated; capital stock \$50,000; incorporators, H. J. Meier, P. A. Dins, H. J. Steffin, and others.

Oketo, Neb.—Ezra Sit has succeeded W. W. White as mgr. for the Farmers Elvtr. Co., Mr. White having resigned to enter the hardware business with his sons.

Franklin, Neb.—I will enlarge my elvtr. in the spring but no other houses will be built here. The Farmers Co-op. Co. runs a store here not an elvtr.—N. E. Gailey.

Staplehurst, Neb.—Chester R. Hill has succeeded W. E. Jacobs as mgr. for the Staplehurst Grain Co. The company has installed a 10-h.p. electric motor in the elvtr.

Platte Center, Neb.—Jerry Langan has succeeded J. W. Reilly as temporary mgr. for the Farmers Elvtr. Co., in order to release Mr. Reilly for his private business concerns.

Schuyler, Neb.—The new elvtr. we will build here will be a 250,000-bu. reinforced house and steel, equipped with every modern device. Will have it ready for operation in 6 months.—Wellss Abbott-Nieman Co.

Kramer, Neb.—Louis Weissenburg has resigned as mgr. of the Farmers Elvtr. Co. and is now gen. mgr. for the Farmers Co-op. Ass'n at Larrabee. He will have charge of elvtrs., lumber yard, etc.

Tangemann (Talmage p. o.), Neb.—We have let contract to the Younglove Construction Co. for the rebuilding of our elvtr. We will tear down the old house and put up a 30,000-bu. concrete elvtr.—Bert Wallace, mgr. Farmers Union Co-operative Ass'n.

Superior, Neb.—The firm of Scoular & Bishop was recently dissolved and a new corporation takes its place, viz The Scoular-Bishop Co. with elvtrs. and lumber yards in Nebraska and Kansas. Fulton Chesnut, for the last fourteen years with the firm, is sec'y of the new organization; D. C. Bishop of Kansas City, vice pres.; and Geo. Scoular, pres. This corporation is very closely allied with The Scoular-Bishop Grain Co. of Kansas City, Mo., and Omaha, Neb., and with memberships in Chicago and other exchanges.

NEW ENGLAND

Boston, Mass.—Albert K. Tapper and other grain dealers who sought an injunction to restrain the trustees of the Chamber of Commerce from voting membership certificates in violation of plaintiffs' vested rights, have lost their appeal, the Supreme Court in a decision given March 1 holding that the trustees were within their right and their voting the certificates of membership violated none of plaintiffs' rights.

Lawrence, Mass.—Harry K. Webster, one of the best known grain men on the Eastern coast, died Feb. 27 after a few days of illness. He was just past his 85th birthday. He began his grain career in 1860 and remained until the civil war broke out. He returned after serving in the army in 1866 and re-entered the trade with Geo. E. Davis and in 1890 went into the business on his own account. The business is still carried on by his sons, Neill and Dean K. Webster.

NEW MEXICO

Roswell, N. M.—The Roswell Milling Co. has let contract for a 30,000-bu. elvtr.

Clovis, N. M.—We have not sold our elvtrs. and we do not think we will. We made the farmers an offer which they voted to accept but could not raise the money for.—Clovis Mill & Elvtr. Co.

Springer, N. M.—The farmers will build an elvtr. here this year. The company will be incorporated for \$50,000. At present the elvtr. of the Florsheim Mct. Co. is the only one here. J. W. Ausherman is sec'y of the new company.—E. E. Johnson.

NORTH DAKOTA

Bisbee, N. D.—The Farmers Elvtr. Co. will overhaul and repair its elvtr.

Max, N. D.—We have decided not to build a new elvtr. here yet.—G. E. Yonker, mgr. Equity Farmers Elvtr. Co.

Grandin, N. D.—The Farmers Elvtr. Co. of this place is installing seed cleaning machines, elevators, etc. The T. E. Ibberson Co. is doing the work.

Wabek (Plaza p. o.), N. D.—A double distributor will be installed in the Farmers Co-op. Elvtr. soon. The company will also build a home for its mgr.

Cavalier, N. D.—The International Elvtr. Co. is making extensive improvements in its two elevators at this place. The T. E. Ibberson Co. is on this contract.

Newville, N. D.—There will be a new 50,000-bu. elvtr. built at this place for the Farmers' Elvtr. Co. It will be a modern house in every way. The T. E. Ibberson Co. has the contract.

Bismarck, N. D.—W. A. Anderson, sec'y of the N. D. Industrial Com'n, is calling for the following bids for the North Dakota Mill and Elvtr. to be located at Grand Forks: One flour mill building, 42x160 ft., 8 stories and basement, with two wings 42x200 ft., one story and basement. One grain cleaning house building 60x100 ft., 90 ft. high, and train shed. Thirty-two concrete grain bins, 30 ft. diameter by 190 ft. high. Bids for general contract only without mechanical or electrical equipment will be considered at this time. Plans will be on file with the Industrial Commission of North Dakota at Bismarck, N. D., owner; Charles L. Pillsbury & Co., Minneapolis, Minn., engineers, and the elevators' exchanges at Minneapolis, Minn., and Grand Forks and Fargo, N. D. All bids shall be addressed to the Industrial Committee, Bismarck, North Dakota, owner, and shall be accompanied by a check in five per cent (5%) of the amount of the bids. The bids will be opened 2 p. m., March 15th, 1920.

OHIO

Lena, O.—The Lena Grain Co. incorporated; \$50,000.—N.

Ada, O.—The Farmers Co-op. Elvtr. Co. will soon build an elvtr.

Genoa, O.—The C. A. Powers Grain Co. incorporated; \$20,000.—N.

Lebanon, O.—The Lebanon Farmers Co-op. Elvtr. Co. incorporated; \$75,000.—N.

Middleport, O.—The Middleport Co-operative Elvtr. Co. incorporated; \$40,000.—N.

Greenville, O.—The Greenville Farmers Exch. Co. incorporated; \$60,000.—N.

McGuffey, O.—Cyrus McGuffey & Sons are active in the grain business here.—N.

Centon, O.—I have been out of the grain business since I sold my elvtrs.—J. B. Seymour.

Conover, O.—We have been incorporated and are taken over the Conover Wilgus Grain Co. V. S. Wolcott, acting mgr., Lena Grain Co.

Genoa, O.—The Genoa Farmers Elvtr. Co. has completed its new fire resistive 20,000 bu. elvtr.

Thurston, O.—A Hall Signaling Distributor will be installed in the Thurston Elvtr. Co.'s elevator.

Toledo, O.—Minor Walton of Chatterton & Co. has applied for membership in the Produce Exchange.

Rockford, O.—The Rockford Equity Exch. Co. has increased its capital stock from \$25,000 to \$75,000.—N.

Pulaski, O.—The Pulaski Farmers Gr. Elvtr. Co. has increased its capital stock from \$10,000 to \$25,000.—N.

Elmira, O.—The Elmira Elvtr. Co. expects to install all electric equipment in its elvtr. in the near future.—N.

Tawa, O.—We are building an elvtr. here that is the only one we know of.—Raabe & Co., Ft. Jennings.

Indusky (R. F. D. No. 2), O.—We will use new galvanized siding and roofing and some car liners soon.—Weyer Elvtr. & Co.

Callup, O.—The Callup-Prentiss Co-op. Grain Co. has spent \$5,000 in remodeling and improving its plant. New equipment includes a Fairbanks-Morse engine. G. S. Tawney has succeeded Hays as mgr.

Malinta, O.—The Malinta Grain & Supply Co. has changed mgrs., R. G. Russell, sec'y-treas., succeeding F. J. Parritt.—N.

New Bavaria, O.—The Farmers Elvtr. Grain & Supply Co. incorporated; capital stock increased from \$15,000 to \$30,000.

Bellevue, O.—The Bellevue Farmers Grain Co. will install a 20-h. p. electric motor on the first floor of the elvtr. soon.—N.

Greenville, O.—Farmers Exchange Co. incorporated; capital stock \$50,000; H. E. McGowan, W. Steffen and A. C. Stocker.

Dola, O.—Dola Farmers Exchange Co. incorporated; capital stock \$20,000; J. D. Robinson, R. E. Minter, J. M. Harris and others.

Defiance, O.—The Farmers Co-operative Co., which has completed a 40,000-bu. concrete elvtr., will take down and rebuild its mill.

Prairie Depot, O.—L. J. Ducat has resigned as mgr. for the Farmers Elvtr. Co. and is now with the Sugar Ridge Grain Co. at Sugar Ridge.

Findlay, O.—The Hancock County Co-op. Elvtr. & Supply Co. has recently changed mgrs., R. W. Hartman succeeding Guy P. Marvin.—N.

Tiro, O.—The Equity Exchange has enlarged its elvtr. and will install a 10-ton scale with a registering beam and a new grain separator.

Jenera, O.—We have built an addition to our elvtr. of 6,000 bu. capacity; have also installed electric motor.—W. H. Hill, mgr., of the Jenera Grain & Supply Co.

Toledo, O.—H. W. DeVore & Co. will take over the quarters of the Rice Grain Co., who will remove to the eighth floor of the Second National Bank Bldg.

Tiffin, O.—The farmers of this vicinity bot the elvtr. of W. C. Trumpler and will take possession about June 1.—A. J. Stuckey, Bascom Elvtr. & Supply Co., Bascom.

Clark (New Madison p. o.), O.—Richards & Hollinger, who have been operating the elvtr. of Jefferis & Harris for the past year, have recently purchased the plant.—N.

Jeromeville, O.—A. R. Plank, senior member of A. R. Plank & Son, has retired and the business will be carried on by his son, Paul and E. D. Cheroun under the old name.

Broughton, O.—The Paulding Equity Exchange of Paulding has bot the elvtr. of John Wickenhiser & Co. at this station. Possession will be given as soon as the grain is removed from the house.—Ed. M. Finan, mgr.

Mansfield, O.—I have resigned my position with The Mansfield Elvtr. Co. effective Mar. 1st. My plans for future are not fully developed but I expect to remain in the grain business. L. C. Chase is my successor.—Wm. Zang.

Sugar Ridge, O.—L. J. Ducat, formerly mgr. for the Prairie Depot Farmers Co-op. Co., has succeeded E. J. Rietzel as mgr. of the Sugar Ridge Grain Co. here. He also has charge of the company's elvtrs. at Dunbridge and Dowlings.

Tiffin, O.—Walter G. Trumpler, for 15 years engaged in the grain business here, closed a deal for the sale of his elvtr. to the Farmers Exchange Co., a co-operative organization. The consideration was \$25,500. Possession is to be temporarily given May 1 for repairs and permanently June 1.—A. W.

Marion, O.—Concerning the selling of our business to The Marion Grain & Supply Co. We are still in business as usual as the new firm has not yet taken possession, but will probably do so before the 20th of this month as their option expires at that time. It was their intention to take over both elevators the first of March, but their preparations were not completed sufficiently at that time.—Marion Grain & Hay Co., M. Miller.

OKLAHOMA

Greenfield, Okla.—A Farmers Millers Ass'n has been organized here.

Gage, Okla.—Farmers are organizing a co-operative elvtr. company.

Driftwood, Okla.—An elvtr. will be built or bot by the Farmers Union.

Ames, Okla.—The erection of an elvtr. is contemplated by the Nelson Grain Co.

Kingfisher, Okla.—The Oklahoma Mill Co. will build a new mill here.—J. R. Lankard.

Ellis (Breckenridge p. o.), Okla.—Farmers are deeply interested in the co-op. elvtr. proposition.

Holyoke (no p. o.), Okla.—The Farmers Union will buy or build an elvtr. at this point.

Arnett, Okla.—Farmers are organizing a co-operative company with a capital stock of \$25,000.

Chickasha, Okla.—The elvtr. of the Chickasha Grain Co., with a capacity of 40,000 bus., burned Feb. 24.

Lucien, Okla.—I still own and operate the elvtrs. at this point under the name of Clausen Grain Co.—A. H. Clausen.

Broken Arrow, Okla.—The B. B. B. Elvtr. Co. has been dissolved and has been divided among the three partners.—Baxter Grain Elvtr. Co.

Charleston, Okla.—The Farmers Co-operative Grain & Supply Ass'n is being organized by F. J. Schneider, as pres., and J. L. Gilfillan, sec'y-treas.

Hopeton, Okla.—The Arkansas City Milling Co. has bot the old Farmers Elvtr. here and will rebuild them this spring.—G. S. Purcival, agt., W. N. Randels.

Rocky, Okla.—The Farmers Co-op. Grain & Supply Co. incorporated, capital stock, \$25,000. W. L. Swart Bunch, Herman Swart and A. L. Hammons, incorporators.

Carmen, Okla.—We are expecting to remodel our elvtr. here and will install a Hall distributor and manlift.—H. M. Fulkerson, mgr. Carmen Grain & Supply Co.

Granite, Okla.—Plans are being made for the erection of a 10,000-bu. elvtr. and the com'te in charge of the handling of the funds grows more enthusiastic every day.

Guymon, Okla.—The Guymon Mill & Grain Co. incorporated; capital stock, \$50,000; incorporators, J. L. Rodabaugh of Eldorado Springs, Mo., and J. T. Allen and R. Rixley of Guymon.

Oklahoma City, Okla.—Harry Stover is mgr. of our grain dept. now, having formerly been mgr. for the Kansas Flour Mills Co. at Hutchinson, for 3 years.—Oklahoma City Mill & Elvtr. Co.

Oklahoma City, Okla.—The idea of building a new grain elvtr. of 2,000,000 bus. capacity, is being developed. A site containing 35 acres has been selected, and construction will be started in the spring.

Medford, Okla.—The Medor Mill & Elvtr. Co. will build a 100-bbl. mill and will also put up a 30,000 bu. elvtr. on a site recently bot by them. The co-op. company has not completed its organization but expects to soon.

Marshall, Okla.—The Farmers Elvtr. Co. will buy the Eastern Elvtr. and also the old North Elvtr. which has been standing idle for many years. U. F. Clemons, who has been mgr. for the houses since 1904 and who has been sole owner for the last 10 years, wishes to take a rest.

Catoosa, Okla.—The Catoosa Elvtr., which burned at 7 a. m., Feb. 16, with a loss of about \$1,000, was formerly the property of Bower, Brown & Baxter, but in a division of the firm's interests only a few days ago, passed to the personal ownership of J. W. S. Bower, who will sustain the loss on account of insufficient insurance. The contents of the elvtr. had not yet been divided, therefore the loss on this will fall to the above named firm.

Bison, Okla.—The farmers here have organized in the name of Farmers Co-operative Ass'n, with a capital stock of \$30,000. It has bot the elvtr. and coal bins of the El Reno Mill & Elvtr. Co. and will begin business about April first. They have employed Chas. N. Herrian, who has been agent for the El Reno Mill & Elvtr. Co. at this place the past year and a half, as mgr. Frank F. Pribyl is pres. and W. W. Van Dusen is sec'y-treas.—Chas. N. Herrian.

McAllister, Okla.—We have taken over the Tarver Craghead Co. including offices, etc., and are now conducting a straight brokerage, carrying no stocks, Mr. Craghead and Chas. Warner, the owners, possibly later will put in warehouses here and carry stock. Hartman-King Co. is the only other dealer here and operate a corn plant and elvtr. and we understand that in the near future they will install a 100 barrel flour mill. They are now carrying a stock of mixed feed oats and corn product. In addition to these we have two exclusive retail feed stores. We expect to handle several hundred thousand bus. of oats and ear corn and alfalfa and prairie hay from our territory this year and invite enquiries for same.—Western Commission Co.

Forgan, Okla.—Farmers Mill & Elevtr. Co. incorporated with a capital stock of \$50,000; P. N. Mayo and others, incorporators.

OREGON

Eugene, Ore.—We have bot the Warnock & Starr Mill with a 35-bbl. capacity in 24 hours. Along with the mill we have a feed business.—W. R. Long, mgr., Grangers Eugene Warehouse.

PENNSYLVANIA

Philadelphía, Pa.—The elevtr. charge on export grain from this port and other North Atlantic ports from Portland, Me., to Newport News, Va., inclusive has been fixed at 1c per bu. and became effective Mar. 1.—John B. Matthaël, traffic mgr. for the Chamber of Commerce says.

SOUTH DAKOTA

White Lake, S. D.—The Farmers Union has bot the elevtr. of the Farmers Elevtr. Co.

Owanka, S. D.—The Owanka Farmers Co-op. Co. will equip its plant with a Hall Signaling Distributor.

Plumb (Lesterville, p. o.), S. D.—The Plumb Grain & L. S. Co. has just bot the elevtr. of L. H. Wheeler.

Big Stone, S. D.—We have not bot the Sanborn Elevtr. here as reported.—M. N. Pratt, mgr. Farmers Elevtr. & Fuel Co.

Canton, S. D.—The Farmers Elevtr. Co. has bot the Canton Roller Mills but has not decided whether to run a mill or use it for grain storage.

Eakin, S. D.—Materials are arriving on the ground here for the new elevtr. to be built by T. E. Ibberson, Minneapolis, for the Eakin Grain Co.

Bridgewater, S. D.—The Shanard Elevtr. Co. has awarded contract to the T. E. Ibberson Co., Minneapolis, for the erection of a new 30,000-bu. elevtr. to be built at Bridgewater.

Henry, S. D.—The Van Dusen Elevtr. Co. of Henry, S. D., is installing an auto truck dump in their elevtr. at this place. The T. E. Ibberson Co., Minneapolis, has the contract.

Wagner, S. D.—Chester Trumbo has succeeded me as agt. of the Western Terminal Elevtr. Co. and I have engaged in the grain and L. S. business myself here.—I. H. Cory.

Doland, S. D.—The Van Dusen Elevtr. Co. is moving its elevtr. at this station, setting it back from the present site the width of the elevtr. The T. E. Ibberson Co., Minneapolis, is doing this work.

Bruce, S. D.—The Ribstein Elevtr. Co. of this station will install automobile truck dumps and make other improvements. The T. E. Ibberson Co., Minneapolis, will start this work about April 1.

Farker, S. D.—L. V. O'Neill has resigned as mgr. of the Farmers Union Elevtr. Co. and will engage in business for himself. C. J. Darby has succeeded him as mgr. with the company here.

Henry, S. D.—The Farmers' Elevtr. Co. at this place is installing auto truck dumps, coal scales, and making other extensive improvements in its plant here. The T. E. Ibberson Co., Minneapolis, is doing the work.

Miller, S. D.—The T. E. Ibberson Co. has the contract with the Van Dusen Elevtr. Co. for adding additional storage on the Van Dusen Elevtr. at this place. Work will be started about the first of April.

Bath, S. D.—The report that we had let contract for an elevtr. was erroneous. We will not decide upon or even discuss the matter till our next official meeting Mar. 11.—G. B. Patterson, mgr., Equity Union.

Mission Hill, S. D.—The Farmers' Elevtr. Co. at this place is building a new modern elevtr., fully equipped with cleaning machines, auto truck dumps, 3 legs, and every convenience to facilitate the rapid handling of grain at that point. The T. E. Ibberson Co., Minneapolis, has the contract.

Amherst, S. D.—The Farmers' Elevtr. Co. has its old elevtr. practically all shipped out and ready for the wrecking crew to get on the ground and dismantle. They will build in its place a 70,000-bu., 28-bin thoroly modern elevtr. The T. E. Ibberson Co., Minneapolis, has the contract.

Conde, S. D.—The Farmers' Elevtr. Co. of Conde, S. D., will install auto truck dump and make other modern improvements in its plant at this place. The T. E. Ibberson Co., Minneapolis, has the contract.

Raymond, S. D.—The Farmers' Elevtr. Co. of this station has awarded contract to the T. E. Ibberson Co., Minneapolis, for the erection of a new 50,000-bu. elevtr. to be fully equipped with all modern devices for handling grain. A. C. Ruddy is mgr. of this company.

Gettysburg, S. D.—The Gettysburg Equity Exchange, Gettysburg, S. D., has awarded contract to the T. E. Ibberson Co. of Minneapolis for a new elevtr. fully equipped with cleaning machines, 3 legs, 24 bins, motor power, auto truck dumps, and all other modern improvements.

White Rock, S. D.—The Farmers' Elevtr. Co. is making extensive improvements in its elevtr. at this place, new legs, cleaners, power, truck dump scales, flour warehouse, and a new office building. Work will be started at once. The T. E. Ibberson Co., Minneapolis, has the contract.

SOUTHEAST

Waterboro, S. C.—The Colleton Products Ass'n will build an up-to-date elevtr.

Richmond, Va.—The Standard Feed Co. is still in existence with Mr. Flournoy as prop.

Gadsden, Ala.—The Gadsden Grocery Co. is withdrawing from the grain and feed business.

Decatur, Ala.—Malone Coal, Grain & Motor Co. is building a new warehouse to handle grain, feed and hay.

Clarksburg, W. Va.—We have opened an office here under the management of J. M. Frame.—Frame Bros. & Co., Bluefield.

Newport News, Va.—A new grain drier costing \$25,000 has been installed in the big Chesapeake & Ohio Elevtr. and is ready for operation.

Decatur, Ala.—The Lyle-Taylor Grain Co. has purchased two corn shellers which will be installed in the Decatur Elevtr. and Florence Warehouse.

Thomasville, Ga.—F. B. Harris is now engaged in wholesale feed and grocery business. Golden Bros. have his old retail grocery and feed store.—E.

Richmond, Va.—W. F. Ferrell of W. F. Ferrell & Co. died 3 days after the office was opened and I understand that the firm will be dissolved.—W. F. Green, sec'y-treas., Grain Exchange.

Anniston, Ala.—The Woodruff Feed Co. has recently bot a Joliet Sheller which will be installed immediately. The company has also added a line of wholesale groceries to its business.

St. Petersburg, Fla.—The Tampa Bay Grain Co. will build a new flour, feed and grain warehouse. One building will be 50x120 ft. of concrete block and brick front, and concrete on the rear, with concrete floors and rubberoid or similar roofing.

Fairfax, S. C.—There are rumors of several elevators being built in South Carolina to increase planting of grain crops on account of boll weevil making cotton planting in this section unprofitable. One will probably be built at Brunson, S. C., and one at Fairfax, S. C.

Birmingham, Ala.—Bundy Brothers, who own and operate a flour mill and elevtr. at Medora, Ind., and a flour mill and elevtr. at Vallonia, Ind., are establishing an office at Birmingham. This firm has been very successful in the milling and grain business and have two splendid plants.—T.

Suffolk, Va.—In regard to the fire that recently partially destroyed our elevtr. I would say relative to the loss of our elevtr. the same was only partially destroyed, we saving all brick work. The basement and first floor of the elevtr. was of 24-in. brick walls, 20 feet high, including basement of 8 feet. We had 30 feet of cribbing, with a 14-foot floor on top where we did our cleaning. Capacity of elevtr. 20,000 bus. Fire was caused by sparks from a nearby stack, catching fire at 3 p. m. on the 17th of Feb. We had in elevtr. 7,200 bus. of corn; stock loss \$12,000. Value of elevtr. building \$17,000. Machinery \$5,000. Insurance collected on building and machinery \$14,000. Rebuilding of same was started on the 3rd. Machinery to be furnished and work done by Sprout, Waldron Co., Muncy, Pa.—The Virginia Mills, Inc., J. W. Simmons, sec'y-treas.

Huntsville, Ala.—Townes Commission Co. erecting a large warehouse on the Southern Ry. track to be ready for handling grain and feedings stuffs before Mar. 15.

Huntsville, Ala.—Lyle & Lyle, grain dealer will erect a 30,000-bu reinforced concrete elevtr. during the present year. Work will be done by the Burrell Engineering & Construction Co.

Charlestown, W. Va.—T. P. Bowling, President of the Jefferson Milling Co., must be a born optimist. A gentleman who called on him recently found him both cordial and cheerful in spite of the six inches of snow on the ground for his big delivery trucks to plow through. One of his boys was sick with influenza, and he had just finished working out his income tax report.—T.

TENNESSEE

Lynchburg, Tenn.—Have put in new wheat mill of 70-bbl. capacity.—Lem. Maltow.

Knoxville, Tenn.—I am now sole owner of the elevtr. formerly belonging to Cation & Tucker.—E. S. Tucker.

TEXAS

Vernon, Tex.—Work has started on the 1,200-bbl. mill of the Kell Milling Co.

Hoover, Tex.—Farmers in this vicinity are forming a farmers elevtr. company.

Childress, Tex.—Walling Bros. have bot the elevtr. and feed business of John R. Scott.

Bay City, Tex.—The Carter Grain Co., Inc. has increased its capital stock to \$100,000.

Truscott, Tex.—The Olds Grain Co., J. Bell, mgr., has been formed to build an elevtr.

Spearman, Tex.—A. Liske & Co. will install a complete Hall Special elevtr. leg in an elevtr. at this station.

Amarillo, Tex.—We expect to get our elevtr. building started soon.—W. E. Sloane, Gen. West Mill & Elevtr. Co.

Ganado, Tex.—Ganado Grain Co.; capital stock, \$1,000; incorporators, R. G. Lamkin, R. Travis, and I. Goodman.

Sweetwater, Tex.—The mill and elevtr. plant of the Sweetwater Mill and Elevtr. Co. is completed and ready for business.

Floydada, Tex.—We expect to have a small elevtr., under construction here, some time this month.—Edwards Grain & Elevtr. Co.

Electra, Tex.—A new Farmers Elevtr. Co. has been formed and it has taken over the elevtr. of the old Farmers Elevtr. Co.'s house.

Marfa, Tex.—J. M. Rosson has bot the interest of M. Esterling in the Esterling-Bishop Co. and the firm will now operate as the Bishop Rosson Co.

Taylor, Tex.—The Taylor Milling Co.'s business has been purchased by Jack Gottlieb, the Gottlieb Grain & Elevtr. Co., and he is remodeling the plant.

Floydada, Tex.—Floyd County Elevtr. Co. with headquarters at Floco, has bot a site and will build an elevtr. here. It has elevtrs. at Lockney and at Aiken.

Post, Tex.—A gin and elevtr. will be erected by the Garza County Warehouse & Market Ass'n, which recently increased its capital stock from \$10,000 to \$40,000.

Clifton, Tex.—The Clifton Mill & Elevtr. Co. has increased its capital stock from \$25,000 to \$100,000 and will increase its mill and elevtr. capacity, put in new machinery, and then overhaul the plant.

McKinney, Tex.—E. E. Hartsfield has signed as mgr. of the Collin County Mill Elevtr. Co. for the past 19 years, and is now buying grain here for the McIntire Feed & Fuel Co. of Dallas.

Hillsboro, Tex.—We are putting in flour, corn mill machinery and will have from 15 to 20,000 bu. grain storage. Will not be operation before summer and will not let contract till then. I am pres. and mgr. of company.—R. H. Ethridge, Hillsboro Mill Elevtr. Co.

Houston, Tex.—The style of our firm, operating grain elevator and feed mill located Dowling & Walker, is Saint & Co. This erroneously reported Sink Company in newspapers, and our former name was Saint Grain & Produce Co. However, no change has been made in personnel or management.—Saint & Co.

Ranger, Tex.—McFarland Feed & Elevator Co. incorporated; capital stock, \$100,000; incorporators, W. J. McFarland, C. B. Hedrick.

Dallas, Tex.—The Pearlstone Mill & Elevator Co. has built a 130x150 ft., 2 story building, and will use it as an addition to its plant.

WASHINGTON

Palouse, Wash.—The Farmers Union will increase its capitol stock to \$50,000 and will build another large elevator. They have practically just finished an 80,000-bu. one, but it is filled to overflowing all the time.

WISCONSIN

Coloma, Wis.—The Follett Co. will install new machinery in its elevator.—Darwin Follett, mgr. Sauk City, Wis.—F. F. O'Connor and Paul Inenkugel have bot the elevator of Magerlein Grier and are in possession.

Sharon, Wis.—J. H. Osman & Co. have sold a mill and elevator of the plant to Frank Danerfield, formerly in business with John Ches-

Trempealeau, Wis.—M. Larson & Son, of Stockholm, are assisting the townfolk to form company and build a 10,000-bu. elevator in the rings.

Lodi, Wis.—A new 40-h.p. gas oil engine has been installed in the elevator of the Lodi Grain Co. Other machinery just installed is a 22-in. trout-Waldron electric attrition mill, operated by two 20-h.p. Westinghouse motors, and a trout-Waldron corn cob crusher. Two 10-h.p. Airbanks-Morse motors are utilized to operate the corn ear crusher, and to do the necessary elevating and conveying of feed and grain.

MILWAUKEE LETTER.

The interest rate on advances under the rules of the Milwaukee Chamber of Commerce for the month of March is 7½% per annum.

Record has been made of the death of G. Holstein, of the Mohr-Holstein Commission Co., a member of this chamber since 1876. Mr. Holstein's death occurred March 4.

We are in receipt of the 37th annual report of the Chamber of Commerce, and are indebted to John G. McHugh and his assistants for the comprehensive statistics and facts covering the year's work. It will be a valuable book and of interest to any that receive it.

Milwaukee, Wis.—New members of the Commercial Exchange are Clarence D. Moll, George Bailey, Franke C. Schowalter, Fred R. Eming, Edwin A. Geilfuss, E. E. Strouts. The following memberships were transferred: Jno. Hohenadel, E. W. Bailey, deceased, Erwin Saeger, deceased, A. B. Geilfuss, deceased.

Membership changes during February are as follows: New members—Clarence D. Moll, George C. Bailey, Frank C. Schowalter, Fred R. Eming, Edwin A. Geilfuss and E. E. Strouts. Membership transfers—John F. Hohenadel, E. W. Bailey, deceased; Erwin H. Saeger, deceased, and A. B. Geilfuss, deceased.—H. A. Umb, Sec'y.

WYOMING

Deaver, Wyo.—Promoters tried to organize an elevator here but their efforts failed.—Edw. T. Ong, mgr. Deaver Grain Co.

Powell, Wyo.—The Consolidated Mill & Elevator Co. are to take over my elevators here, and at Powell and Cody.—A. D. Persson.

Garland, Wyo.—Electrical machinery will be substituted for gas very soon, and a seed and oil warehouse will probably be built in the spring. D. J. Reynolds is agt.—Consolidated Elevator & Mill Co.

Cheyenne, Wyo.—D. F. Chandler, mgr. of the Cheyenne Mill Co., whose plant burned Feb. 1, says that the actual insurance was \$22,000, which included the building, machinery and 1,000 on the stock. He says that the insurance is little less than the total loss. The machinery of the mill is damaged and the building practically burned out, but the power plant complete and the elevator were both saved. He has moved his office to the elevator and at this time has no definite plans as to rebuilding.

SOLICITORS resumed calling on shippers for eight after Mar. 1, and one of the things they will learn is that the road that furnishes the cars will get the business.

Ohio Farmers Grain Dealers Meet.

The Farmers Grain Dealers Ass'n of Ohio met at Toledo for its fifth annual convention February 24 and 25.

The first day's meeting was called to order Tuesday a. m. by President John Miller. The invocation was given by the Rev. A. E. Bell. A representative of the mayor of Toledo gave the address of welcome and expressed a wish that the convention would come back to Toledo again. A response made by "Rush" Croninger, Grand Rapids, in behalf of the Ass'n gave a little of the history of the organization. The usual routine of business took up the morning.

The resolutions committee selected by the board of directors consisted of H. P. Miller, Sunbury; P. J. Lloyd, Waterville, and W. J. Reyder, McClure. After this announcement the meeting was adjourned until 1:00 p. m.

The afternoon session was opened with singing. Harry De Vore, pres. of the Toledo Exchange, read an address on "Board of Trade Hedging" after which Mr. De Vore answered many questions on subjects the dealers wished to know more about.

Owen L. Coon told the dealers many different ways they could get what was coming to them from the railways. He told how grain very often got back of the linings of refrigerator cars and not being noticeable was not taken out when the car was unloaded. He also told the dealers that if the railways did not install scales that the shippers weight must be taken as correct. In speaking about cars that were leaking in transit Mr. Coon said that nearly one-fifth of the cars that came into Chicago during 1919 were leaking.

Before the close of the afternoon session the following officers were elected: Pres., R. E. Croninger, Grand Rapids, O.; 1st v.-pres., D. J. Lloyd; 2nd v.-pres., C. F. Smith, Fostoria, O.; treas., C. S. Latchaw, Defiance, O.; directors: F. J. Dawer, Haskins, O.; Guy P. Marvin, Findlay, O.; H. P. Miller, Sunbury, O.

Wednesday's session was opened with a talk by L. G. McComber, Traffic Commissioner of the Toledo Commercial Club, on "Traffic Problems of the Day." Speaking on grain claims against the carriers he said that some claims that have been paid under federal control will not be paid under private control. He also explained that the policy of the carriers under private ownership was to "stall" claims and make them hard to collect. Speaking on the service, he said that people want service regardless of the price and to help the cause along he urged everyone to load cars to their capacity. He also spoke on the advantages of the proposed Great Lakes-St. Lawrence Navigation Project and told how the only opposition was from New York.

Speakers told of the market possibilities of Cincinnati and Pittsburgh and an invitation was presented asking the Ass'n to hold its next meeting in Cleveland.

In the session on Wednesday afternoon the report of the resolutions committee was read. It recommended the adoption of fire-proof structures and the installation of fire-proof grain bins and dust collectors in all construction in the future.

Following came the report of Sec'y Latchaw. He told of the progress in the last year and then asked that the Ass'n take some steps to give board of directors authority to organize a wholesale warehouse for the farmers elevators of Ohio. Mr. Latchaw said that the organization of a wholesale ass'n for Ohio would save the co-op. elevator companies \$100,000 a year if they could cooperate with farmer elevator companies of Indiana.

When asked about the finances of such an organization the secretary said that for the first year all that will be done will be the pooling of orders and therefore no financing would be needed.

Ellis Driers

give surprisingly good results because the machines are made surprisingly well. Thin grain layers, woven wire cloth frames, combination charge and continuous feed system, semi-steel castings, double pipe steam coils, ball bearing fan and many other points of superiority help to give the ELLIS DRIER a most admirable reputation.

Grain Driers

Rotary Driers

The Ellis Drier Co.

332 So. La Salle Street

CHICAGO, U. S. A.

CIFER CODES

Use a good Telegraph Cipher Code, Prevent Errors, Reduce the Cost of Sending Messages and Prevent Contents Becoming Known to Agents.

Universal Grain Code, the most complete and up-to-date code published for the use of the grain dealers and millers. Its use will reduce your tolls one-half. Its 150 pages of bond paper contain 14,910 expressions for present-day terms, and no two of them are near enough alike to cause confusion. Bound in flexible leather. Price, \$3.00; Book paper, board cover, \$1.50.

Robinson Cipher Code with 1912 and 1917 Supplements for domestic grain business. Bound in flexible leather, price \$2.25; cloth, \$1.75.

A. B. C. Improved 5th Edition, contains a complete set of five letter code words for every expression in the former edition. Any two of these words may be combined and sent as one word, reducing telegraph tolls 50 per cent. Price in English, \$18.00.

Miller's Code (1917), for milling and flour trades, 3¼x6 inches, 77 pages, \$2.00.

Riverside Code, fifth edition, for millers and flour dealers. Bound in flexible leather, 228 pages, \$3.00.

Baltimore Export Cable Code, third edition, the latest, simplest and most popular code used in the export grain trade. Bound in leather, 412 pages. Price \$12.50.

Cross Telegraphic Cipher Code, for provision and grain trade. 145 pages, bound in flexible leather, \$2.00.

Your Name in gilt letters stamped on front cover of any of the above books for 35 cents extra. Any code upon short notice.

GRAIN DEALERS JOURNAL

305 S. La Salle Street,

Chicago, Ill.

Supply Trade

CHICAGO, ILL.—A plant ultimately to cost over a million dollars is planned by the Western Bag & Burlap Co. A definite date to begin work has not yet been set.

CHICAGO, ILL.—To date 24,500 applications for stock in the company have been received from the employes of Fairbanks, Morse & Co. This was due to the recent announcement of the company that 12,500 shares of common stock would be offered employes on the time payment plan.

PEORIA, ILL.—Police protection for employes of the Hart Grain Weigher Co., against strikers has recently been asked. Altho a large number of strike pickets have been stationed around the plant no violence has as yet been offered. The police will be at the plant during the opening and closing hours until the present emergency is passed.

WASHINGTON, D. C.—The Supreme Court, in a recent decision, held that the fixing of resale prices is illegal. In its interpretation of the Sherman anti-trust act, the Court reversed Federal court decrees which held that the statute did not prohibit resale price fixing unless there was intention of creating a monopoly. The opinion was rendered in the government's appeal from dismissal in Ohio of Federal indictments charging Schrader's Sons, Inc., with violating the Sherman act and entering into a combination in restraint of trade, thru contracts, by which resale prices to retailers and consumers were fixed.

KANSAS CITY, MO.—Fred. C. Hoose of the Norris Grain Co., has been appointed receiver for the Burrell Engineering Co. This action was taken following the filing of a bill in equity by the Norris Grain Co., and the Skilkin & Richards Mfg. Co., against the engineering company which is incorporated under laws of Oklahoma. The bill of equity sets forth that altho the Burrell Engineering Co. is a solvent concern with assets in excess of its liabilities, because of unsettled labor and trade conditions it has been unable to complete its contracts, and has a large amount of supplies

and equipment on hand, and if protected from any forced sales or injunctions by creditors, can fulfill all of its obligations.

ADVERTISING and salesmanship are alike because each is trying to influence the human mind. When we get down to this thing of advertising or salesmanship we are dealing with the human mind. Bear in mind the fact that the sale the salesman is to make, whether he be a traveling salesman, a store salesman, or any kind of a salesman, does not take place in the man's pocketbook, it does not take place in the man's order-book. The sale first takes place in the man's mind. We are appealing to the minds of the people.—Hugh Chalmers.

OMAHA, NEBR.—The following have installed Trapp Dumping Systems: Cassidy Grain Co. Tonkawa, Okla., Java Equity Exchange Java, C. C. Isley Co. Dodge City, Kans., Farmers Co-Op Co. Armstrong, Ia., C. Williams Boone, Ia., A. H. Betts Alexandria, S. D., Owanka Farmers Co-Op Co., Owanka, S. D., Steil-Hahn Co. Mallard, Ia., Gettysburg Equity Ex of Gettysburg, S. D., Farmers Co-Op Co. Emmetsburg, Ia., Watonka Equity Ex Watonka, S. D., O. M. Kellogg Grain Co. Trenton, and Madrid, Neb. and Iliff, Col., Imperial Equity Exchange Imperial, Neb., Johnson & Thierolf Merc. Co. Solomon Rapids, Kans., New Farmers Grain Co. Alexandria, S. D., F. M. Davis Huron, S. D., G. W. Van Dusen Co. Henry S. D., Moeller & Walter Reinbeck, Ia., Tonkawa Milling Co. Tonkawa, Okla.

CHICAGO, ILL.—We have been informed that the Burrell Engineering Co., Kansas City, Mo., were compelled to go into the hands of a receiver and owing to the similarity of names we deem it advisable to notify the trade that the above company has absolutely no connection with the Burrell Engineering & Construction Co. of Chicago, Ill. The former is a corporation of the state of Oklahoma, which has been in existence about 3 years, while the Burrell Engineering & Construction Co. is an Illinois corporation, which has been building grain elevators, flour mills, etc., for the past 20 years. The fact that the names are so similar may be used by our competitors in order to further their own interests, but we wish to inform the trade that we still

have the best organization in the country for building grain elevators, flour mills and kindred buildings and that they can ascertain upon investigation through the mercantile agencies that the Burrell Engineering & Construction Co. should not be linked or confused with the misfortune that has overtaken the company of Kansas City, Mo., bearing an almost similar name.—Burrell Engineering & Construction Co.

Gasoline Engine Driven Generating Set.

Electric power has been so successfully applied to the operation of the machinery used by contractors that the builder who finds commercial power line within reach of the project always considers himself fortunate.

Concrete mixers, hoists, centrifugal pumps, reciprocating pumps, air compressors and many other types of machinery can be more economically and efficiently operated by electricity.

In addition to the machinery in common use by the larger contractors, many new applications will be found. Take for instance the building of grain elevators in an outlying district. The small contractor by installing a 5 KW. set can operate saws, bench planers, boring machines, sanding machines, polishing machines, tool grinders, paint spraying apparatus, etc., and thus eliminate a large percentage of the expensive hand work generally necessary in exterior and interior finish. Light at the same time available as required for operation on dark days and in dark places.

Given an independent portable source of electric power, the contractor can well afford to equip machinery used in construction work for electric drive.

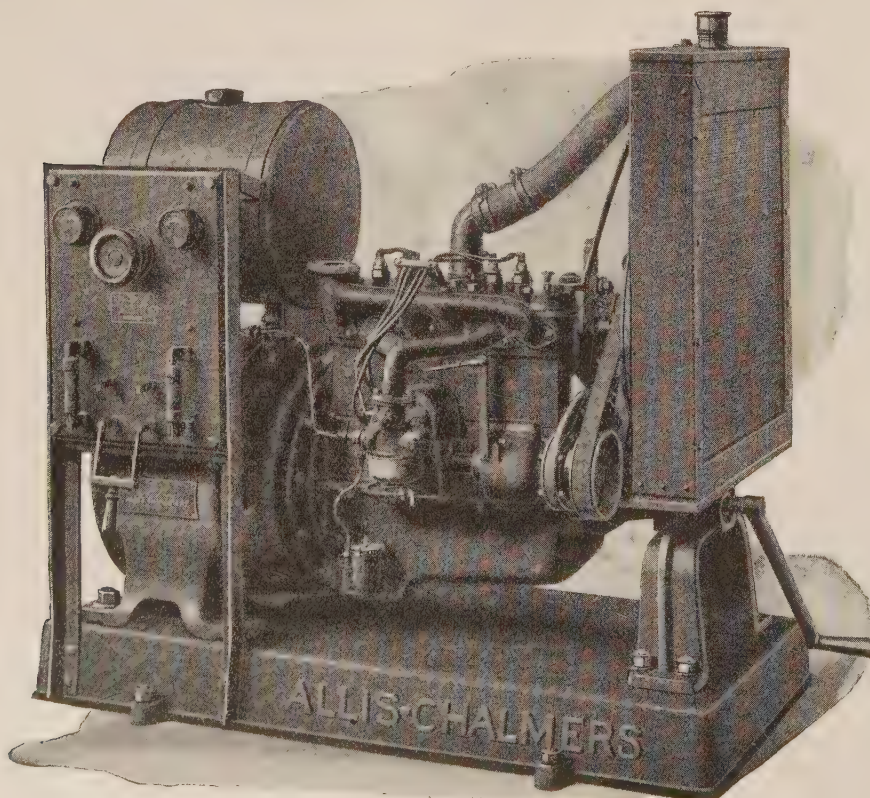
Motors may be purchased by the contractor with no fear that his line characteristics will sometimes be A. C., sometimes D. C. or that the voltage or frequency in different localities will make the use of his electrical equipment impossible without a change of motors and control equipment.

Without an independent portable source of electric power, the use of the most efficient electrically operated tools and equipment is impractical for the contractor because of the uncertainty of his being able to get electricity at all, because if he can get it the voltage, frequency may be different in different places and because of the delay and expense in getting meters and wiring from supply circuits installed.

The gasoline engine driven generating set shown in the engraving herewith makes available to the contractor a source of power and light which is flexible in application and comparatively cheap. Even in localities where electricity is available from the Central Station it will be found cheaper and more expedient in many cases to have an independent portable source of power and light. Central Station usually exact a charge for installing a meter and wiring and a minimum rate for electricity. Owing to this and to the delay in getting the meter and wiring installed as well as to the fact that requirements for electricity may be very intermittent on certain classes of work, contractors seldom use electricity unless the requirements cover its constant use for a considerable period of time.

Two sizes of this set are now made by the Allis-Chalmers Mfg. Co., one of 5 and the other of 15 K.W., delivering either 110 or 220 volts.

These sets employ four-cylinder, four-cycle gasoline engines of the automobile type which are of ample size and rating to withstand continuous full load service without being overtaxed. The engines will carry momentary overloads up to the ultimate capacity of generation without bringing undue mechanical strain on any of the working parts. They are equipped with standard magnetos, carburetors, water circulating pumps, tubular type radiators and



Gasoline Engine Driven Generating Set.

s. Governors are provided which positively regulate the speed to within 4% of the set of the engine from no load to full load. The generators are provided with compound windings proportioned so that the voltage variations do not exceed 2% from the set voltage from no load to full load.

The 5 K.W., set shown in the photograph has two main bearings; one being the standard oiled generator bearing, the other two being in the engine frame. The generator is in accurate alignment by a rigid barrel mounting which is machined to fit shoulders on motor and generator frames. A coupling the generator shaft fits into a recess in the wheel and is bolted rigidly to it. The flywheel and coupling are enclosed in the barrel housing. This construction gives a very compact arrangement and one in which the bearing arrangement does not depend upon the rigidity of base casting and foundation. In this set gasoline tank is mounted above the generator with gravity feed to the carburetor. The tachboard is mounted on angle irons attached to the base casting.

The Allis-Chalmers Mfg. Co. has furnished a large number of these sets to the government, which used them under the most exact conditions with uniform success. They are no way comparable to the cheap farm light-outs.

A RECENT SIAM order prohibits the exportation of rice and rice products until December 31, 1920. If at that time there is not enough rice in the country the embargo is to be extended.

THE FRONTIER ELEVATOR & Milling Co. of Buffalo, N. Y., has been ordered to pay \$10,000 to Catherine Cummings for the death of John Cummings, who was fatally injured by a power shovel while helping to unload grain.

Provisions of the New "Transportation Act."

The "Transportation Act" effective Mar. 1 goes much farther than simply returning the railroads to private ownership.

Sec. 206 provides that suits which may have been brought against carriers, but have not yet been begun, may be brought against an agent of the government to be designated by the president, but not later than two years from the passage of the Act. Actions pending at the termination of federal control may be prosecuted to final judgment, substituting the agent designated by the president.

Sec. 208 provides that no rates shall be reduced prior to Sept. 1, 1920, without the consent of the Interstate Commerce Commission. This clause of the law already has been challenged with respect to intrastate rates.

Sec. 304 establishes a "Railroad Labor Board" to have central offices at Chicago, Ill., and to decide all questions of wages, salaries and working conditions, with the power of a court to administer oaths and take testimony. This board will be composed of nine members, the employees and subordinate officials to nominate 6; the railroad managers to nominate 3; three representing the employees and three the management to be selected by the president and appointed by the advice and consent of the Senate. Three remaining members, constituting the public group, to be appointed directly by the president, by and with the advice and consent of the Senate.

Sec. 438 provides "It shall be unlawful for any such common carrier to provide by rule, contract, regulation or otherwise a shorter period for giving notice of claims than 90 days, for the filing of claims than 4 months, and for the institution of suits than two years, such period for institution of suits to be computed from the day when notice in writing is

given by the carrier to the claimant that the carrier has disallowed the claim or any parts or parts thereof specified in the notice."

The clause puts an end to the practice of the carriers of holding a claim without action until a shipper is prevented by the limitation from starting suit.

Sec. 422 provides that earnings in excess of 6 per cent of the value of the property shall be divided into two parts, one half to go into the reserve fund of the carrier and the other half to go into the contingent fund of the Interstate Commerce Commission, out of which the Commission is empowered to purchase equipment and facilities to be supplied to the carriers.

As an inducement for the building of new lines the carrier will be permitted to retain for 10 years all the earnings of a new line.

It has been stated that the carriers are guaranteed a return of 5% per cent on valuation, but Sec. 422 provides that the rates shall be such as will give a fair return "under honest, efficient and economical management and reasonable expenditures for maintenance of way, structures and equipment." Following strictly the language of the Act it will become necessary for the managements of the roads to keep themselves in a position to show that they have not been inefficient and wasteful.

The law gives the Interstate Commerce Commissioner the power to regulate the issue of railroad securities. Increases the Interstate Commerce Commission from nine to eleven members and their salaries from \$10,000 to \$12,000.

DEALERS should not expect much progress in road building during 1920 if the contractors in their state want as much for road building as they do in Illinois. Road contractors in bids made late in February for roads to be constructed in Illinois asked from \$43,000 to \$48,000 per mile.

DON'T WAIT INSTALL GRAY'S SHUT OFF for ELEVATORS and REDUCE THE FIRE RISK

BULLETIN No. 115B

Describing The Safety Blow Off
Valve of the Elevator Leg sent
on request.

Weller

GRAIN HANDLING EQUIPMENT
CONVEYORS, ELEVATORS,
CHAIN BELTING, SPROCKET WHEELS
BUCKETS, GEARS, SHAFTING
HANGERS, BEARINGS, FRICTION
CLUTCHES, ETC.

SEND FOR CATALOGUE No. 30B

WELLER MFG. CO. CHICAGO



NEW YORK

BOSTON

PHILADELPHIA

BALTIMORE

HOUSTON

SALT LAKE CITY

Grain Carriers

A FEW of the western railroads have decided to let their cars be loaded for eastern shipment.

THE NATIONAL Industrial Traffic League will hold its spring meeting Mar. 18 and 19 at the Planters Hotel, St. Louis, Mo.

TWENTY-FIVE MILLION dollars for elevators to be erected at Buffalo, Tonawanda, Oswego and New York was favored at a conference held Feb. 18 at Albany of persons interested in New York state barge canals.

COAL CARS will be distributed under the uniform rules as contained in the Railroad Administration's Car Service Section Circular CS-31 (Revised) by order of the Interstate Commerce Commission Mar. 2.

CANADIAN Railroads will send no more cars into the United States because Canadian cars have not been returned. Cars in Canada are needed to avert a lumber famine says the Canadian Railway Ass'n.

THE MINNESOTA Millers Club is protesting against the eastbound rates on grain and grain products on the Great Lakes being 5 cents per 100 lbs. higher than the westbound rates from Buffalo.

OCEAN SHIPPING rates are now in the hands of operators of shipping board vessels in order that they will be able to compete with foreign ship owners. All rates on freight traffic heretofore published have been withdrawn by the Shipping Board.

THE SHORTAGE of cars has forced the Men-nell Milling Co., Fostoria, O., to shut down with orders for 48,000 bbls. of flour on its books. The superintendent, Mr. Flynn, said that every possible effort had been made to get cars and that the plant will be closed until cars can be secured.

THE RAILWAY Executives Ass'n has issued a statement to the effect that all roads at present are five years behind in equipment because of inactivity during federal control. It was stated that the roads are three years behind in passenger cars, two behind in locomotives, one year behind in freight cars, and two years in Pullman cars.

THE FARMERS GRAIN Co. of Schuyler, Neb., is closed down on account of the inability to secure cars for shipping. The elevator which has a capacity of 45,000 bushels is filled to the roof. There is still much corn in the country yet to be marketed and fear is felt that if the shelled corn is not moved soon it will spoil and result in big loss.

THE COMPLAINT by the National Council of Farmers Co-operative Ass'ns against the advanced rate on coarse grains has recently been dismissed by the Interstate Commerce Commission. The rate advance of June 25, 1918, advanced the rate on coarse grains as much as on wheat, and this was objected to as excessive. The carriers maintained that on oats and other coarse grains they did not earn as much as on a car of wheat, on account of the lighter loading.

REROUTING and diversion of traffic was done by the railroads arbitrarily during the war as a war measure. The new Esch-Cummins law says that freight must go as intended. Now if a consignment is routed over a certain road by a shipper, and it is diverted to another road, the road from which the business was diverted will have the right to recover the total charges it would have collected had it carried the consignment. Before the war this diverting of and rerouting of traffic was the cause of considerable controversy. This section of the new law retains for the shipper the right to route his business over the road that gives the best service and he knows it will travel that way.

INLAND WATERWAYS, placed under the war department by the new railroad bill will be under the direction of Brig. Gen. Frank T. Hines, chief of transportation service. There are to be two divisions, one to control boats on the New York State waterways and the other to control boats in the Mississippi Valley from St. Louis south, according to a War Department announcement Mar. 4.

NORTHWEST needs 60,000 box cars to move grain. So says the Federal Reserve Bank of that district. Farmers are still holding eleven millions of wheat and as much other grains. Country elevators have eighteen million wheat and Minneapolis and Duluth have eleven millions. Four hundred country elevators in Minnesota and the Dakotas are closed to farmers because of the inability of railroads to move accumulated grain stocks. The situation has caused a serious delay of credit liquidation.—C. A. King & Co.

A SECOND BELT LINE railway is being planned for Indianapolis, says H. E. Kinney of the Kinney Grain Co. of that city. A preliminary survey has already been made and an attempt is now being made to interest eastern capital to finance a company to build the road. Tentative plans call for 43 miles of track for a belt line four or five miles outside of the Indianapolis Union Ry. (the present belt system), to be operated electrically and to connect all steam and traction lines that run into Indianapolis.

GOVERNMENT OPERATION of our lines will cost this company \$25,000,000. That is the amount that will be required to put our property in the condition it was in before the administration took it over. Track and roadbed have been neglected until both are in poor condition. Last year about this time the railroad administration took off thousands of track workers and maintenance of way employees in order to save money to pay rentals. This left us a year behind in this work. The administration also left us 115,000 tons of rails short and 2,000,000 ties behind.—J. G. Rodgers, vice pres. Pennsylvania Lines.

IT IS TO BE HOPED that the railroad managers will soon see their way toward providing an immense amount of new equipment for the railroads. If this is not speedily done, the strain upon credit will become more acute, as delayed shipments in this season of high merchandise prices are an important factor in advancing money rates. The country suffered a huge economic waste last year from the "frozen credits" represented by the tie-up of freight in strike difficulties, car shortages, and congested traffic conditions. Notwithstanding the great demand for coal at centers of manufacturing activity, mines in sections of Pennsylvania have not been operating at more than 65 per cent of normal. One reason for this alarming falling off has been that the car supply has been scarcely 50 per cent of normal with even a larger shortage in special cases.—National City Bank.

New Weevil Destroyer.

An apparatus for destroying weevil and germs in grain, seed, beans and other products is the invention of James Walters, Birmingham, Ala. The method consists in subjecting the product primarily to a condition of heat and moisture, by which the exterior coating is softened and the pores opened, and then subjecting the product to a temperature sufficiently high to destroy germ life, and next reducing the temperature by degrees, after having maintained it at the required length of time. The normal condition of the grain is restored by cooling and evaporation of the moisture, and when the grain is delivered from the machine it is ready for storing, shipping or sacking.

The grain passes thru a series of compartments, after leaving the hopper above the machine. The rapidity of the feeding can be controlled as the grain passes into the first compartment, where a breath of steam comes in contact with the product to moisten it and open the pores. It then passes to the first conveyor which carries it thru a regulated temperature sufficient to kill germ life. After having the required length of treatment while passing thru the first conveyor it then is passed to a second and a third conveyor where the temperature is stepped down until the grain is cooled and again restored to normal atmosphere, free of germ life.

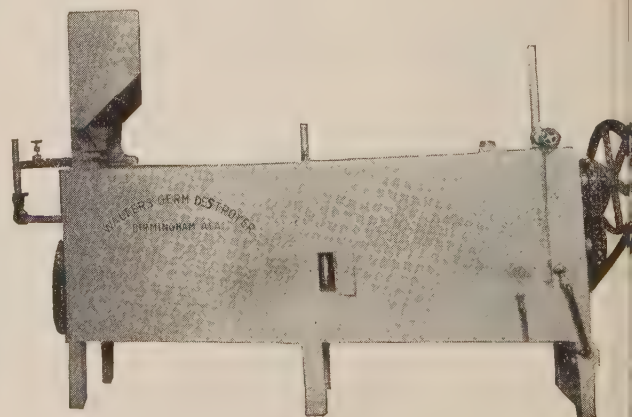
The conveyors are operated by means of an electric motor and the heat secured from steam boiler. The speed of the machine can be regulated and the size as well, which will in turn determine the capacity of operation. No chemicals are used, and the hazard of the elevator installing such a machine will not necessarily be increased. The heat and steam can be secured from boiler room outside of plant. The machine is made of sheet iron and steel throughout, and stands about 4½ feet from the ground, while it is about 7 feet in length.

Letter's patent has been applied for and the serial number received. Operation tests have been conducted on the first machine built, and have proven that the theory works out in practice.

Mr. Walters, the inventor, has made the machine his life's work, having studied conditions thruout the middle west, and devoted much time to studying the weevil deterioration of the California bean crop. The theory was worked out, and then the practical application made.

"A YEAR at a Glance Blotter" is going to friends of Bert A. Boyd.

ARGENTINE wheat shipments this week estimated at 4,070,000 bu., last week 6,513,000 bu., last year 133,000 bu. Corn this week 3,600,000 bu., last week 5,604,000 bu., last year 1,049,000 bu. Oats this week 900,000 bu., last week 705,000 bu., last year 35,000 bu.



Apparatus for Destroying Weevil and Germs.

Feedstuffs

OMAHA, NEB.—A. D. Peters of the M. C. Peters Mill Co. has resigned to head an advertising agency in this city.

MOLASSES FEEDS in sacks should not be loaded closer than two feet to the roof of the car to insure against heating.—Sup. C. B. & Q., 7072-G.

ST. LOUIS, MO.—The Alfocorn Milling Co. has registered the picture of a braying mule with the words "Happy Mule" printed above its trademark No. 125,667 to be used on sack feed.

TORONTO, ONT.—Fire in an adjoining building caused water to damage the offices of the Canadian Feed Co., Ltd., which are in the Board of Trade Building. Everything is insured.

OGDEN, UTAH.—The Hansen Live Stock & Feeding Co., manufacturers of stock feed in this city until last summer have sold \$250,000 worth of preferred stock, will be refinanced and back in the feed business in a short time.

DES MOINES, IA.—The Sargent & Ash Mills is the name of a new firm recently organized in this city to deal in stock and poultry feeds. The following officers have been selected: W. I. Sargent, pres.; C. C. Ash, v. pres.; C. C. Ash, W. I. Sargent, H. S. Thomas and C. N. Kinney, directors.

INDIANAPOLIS, IND.—The Ralston Purina Co., St. Louis, Mo., held a convention in the Paypool Hotel for feed dealers in Indiana to handle their product. Among the speakers were: Wm. Sample, v. pres. and manager of the poultry feed department, and F. McMillen, manager of the fattening feed department.

THE CEREAL BY-PRODUCTS Co., operating at St. Louis, Chicago and Memphis, has been organized and the following officers selected: Pres. and treas., Elser Heater; v. pres., W. Sommer; sec'y, I. K. Reiser. The main office in St. Louis is managed by Mr. Heater, the Memphis office by Mr. Sommer and the Chicago office by Wm. Becker, also a member of the company.

THE AMERICAN FEED MANUFACTURERS' ASS'N has opened a traffic department under the direction of R. M. Field, who formerly handled the transportation problems of the American Milling Co. of Peoria, Ill., and Owensboro, Ky. Mr. Field is an excellent man for this post. He is well acquainted with traffic matters and will be a big assistance to feed men in the Ass'n.

MEMPHIS, TENN.—H. L. Nessly & Co., local representative of the Sugar Products Co. of New York City, are now receiving molasses shipments direct from Cuba by barge. Cars can be loaded direct from the barges by equipment that the eastern company has installed along the water front at this point. On the initial trip one of the barges brought 10,000 gallons of molasses. On account of Memphis being the center of the prepared feed industry of the South this city is destined to become one of the largest distributing points for molasses in the United States.

Feedstuff Movement in February

Receipts and shipments of feedstuffs in tons and from the principal markets during February, compared with February, 1919 were as follows:

| | 1920 | 1919 | 1920 | 1919 |
|-------------|--------|--------|--------|--------|
| Chicago | 30,842 | 10,633 | 52,334 | 19,616 |
| Minneapolis | 2,700 | 2,040 | ..... | ..... |
| St. Louis | 3,760 | 1,460 | 11,300 | 10,840 |
| St. Paul | 12,556 | 3,860 | 4,800 | 11,235 |
| St. Louis | 255 | ..... | ..... | ..... |
| St. Paul | 301 | 73 | ..... | ..... |
| St. Louis | 5,544 | 2,086 | 7,650 | 6,864 |

MILWAUKEE, WIS.—The Chas. A. Krause Milling Co. will soon have its Milwaukee warehouse under way. Contracts have been awarded for a building that will cost \$40,000. At a recent annual meeting the following officers were elected: Pres., Chas. A. Krause; v. pres., C. A. Kimmach, W. F. Lippert, C. G. Rooks; sec'y, W. A. Zahn; treas., I. A. Krause; general supt., J. L. Leach.

UNDER the food and drugs act the O'Bannon Co. a corporation at Claremore, Okla., was charged with adulterating 3,030 sacks of corn meal because the meal consisted in part of a decomposed vegetable substance. The meal had been shipped into Texas in March, 1918. On June 17, 1918, the said O'Bannon Co., claimant, having consented to a decree, judgment of condemnation and forfeiture was entered, and it was ordered by the court that the product should be released to said claimant upon the payment of the costs of the proceedings and the execution of a \$3,000 bond.

CEDAR RAPIDS, IA.—Penick & Ford, New Orleans molasses manufacturers, have taken over the corn products plant of the Douglas Starch Co. at this city that was recently destroyed by fire. They will construct a mixed feed plant to manufacture gluten feed and corn oil cake and many other prepared stock and poultry feeds. Many of the ingredients of these feeds will come as by-products from the manufacture starch and glucose. It is planned to spend \$3,000,000 in the Sioux City improvements. The new building will be erected by Leonard Construction Co. This is a \$10,000,000 company which has offices in New York and Chicago as well as New Orleans.

Blackstrap Rates Increased.

A severe blow to the mixed feed interests of the country was the increased rates on blackstrap put in effect on February 25.

The plea of R. M. Field, traffic manager of the American Feed Manufacturers Ass'n, that the amounts received by the carriers for transporting blackstrap was more than \$50 per car more than the average car of freight, and that the rate increase was therefore unjustified was of no avail.

Blackstrap molasses, often mislabeled just molasses, was waste material formed as a by-product in cane sugar refineries until it came to have a value in the manufacture of mixed feeds. Now the use has so developed that the feed makers use from 15% to 60% blackstrap in the manufacture of their feeds.

Hearings on Rice Grades.

Public hearings on the proposed grades of rice will be held at Charleston, S. C., on March 10 at 9:00 a. m., Charleston Hotel; New Orleans, La., March 12, 9:30 a. m., St. Charles Hotel; Beaumont, Texas, March 13, 9:30 a. m., Crosby Hotel; San Francisco, Cal., March 17, 9:00 a. m., Chamber of Commerce; Chicago, Ill., March 22, 9:00 a. m., Fort Dearborn Hotel; Cleveland, Ohio, March 23, 9:30 a. m., Statler Hotel; New York, N. Y., March 24, 10:30 a. m., 942 Woolworth Building.

Producers of rice, millers, merchants, bankers, members of exchanges, warehousemen, carriers, and other persons interested, are invited to be present at any of these hearings. Opportunity for oral discussion will be afforded to as many as practicable. Written communications will be considered, and should be sent to the Chief of the Bureau of Markets, Department of Agriculture, Washington, D. C. It is requested that arguments, suggestions, and criticisms be brief and definite, and refer to the specific class and grade in question.

As a basis for suggestions the Department of Agriculture has published in full the phraseology of a complete set of grade rules for rice, in Service and Regulatory Announcements, No. 59, under date of Feb. 26, 1920.

ELLIS

Oat Purifiers

The Government has removed the ban placed on purified or bleached oats and anyone is at liberty to produce and ship them. Purified oats have a better color, they are sweeter, they keep better and they feed better than the natural oat.

If interested in a purifier for the coming season, we recommend placing your order at once. Write for bulletin descriptive of the Ellis System of Oat Purifying.

The Ellis Drier Company

332 So. LaSalle Street
Chicago, U. S. A.

Improved Confirmations

(System originated by C. A. Lovell)

Save Time
Prevent Errors
Provide a Perfect Record

Duplicating or Triplicating adapted to any desired form of wording of contract.

See page 371, Feb. 25, Grain Dealers Journal for description

FOR SALE BY

HARLOW B. BROWN

Hutchinson, Kansas

Also obtainable thru
Grain Dealers Journal, Chicago, Ill.

I Am the Man You Want

I can fill that position you have open—fill it perfectly, to your satisfaction. Tell me where to find you in a

Grain Dealers Journal
Want Ad.

Supreme Court Decisions

Error in 'Phoned Message.—Where a telegraf company kept a telephone in its office, and invited the public to use such method to present messages for transmission, a mistake in transcribing the first initial of the name of the addressee of a message, as given over the 'phone, was the telegraf company's, and not the sender's. An error in the first initial of the addressee's name, received over the telephone, and claimed to have been chargeable to the sender, did not absolve a telegraf company from failure to use reasonable diligence to deliver the telegram.—*Salisbury v. W. U. Tel. Co.* Kansas City Court of Appeals, Missouri. 217 S. W. 551.

Liability of Telegraf Co.—Under Act. Cong. June 18, 1910, c. 309, telegraf company, which had filed rates with Interstate Commerce Commission, was not liable upon delay in transmission of telegram for amount in excess of the price of the message, where the telegram so stipulated. Telegraf company was not liable for punitive damages for delay in transmission of telegram, resulting from a reckless disregard of sender's rights on part of the company's agent, in absence of evidence that the company participated in the lawful act, or expressly or impliedly authorized or approved it, either before or after it was committed.—*W. U. Tel. Co. v. Norman.* Supreme Court of Mississippi. 83 South. 465.

Void Contract to Operate in Grain Options.—A contract to operate in grain options to be adjusted according to differences in market value thereof is a gambling operation contrary to public policy and void. A broker who receives money from his principal growing out of an illegal transaction is liable as agent for money had and received. When either or both parties as a matter of law are compelled to rely upon a transaction that is contra bonos mores, this court will refuse to aid either party.—*Malsbary v. Whyte.* Supreme Court of Nebraska. 175 N. W. 1015.

Limit of Time to Collect Undercharge.—The Interstate Commerce Law (U. S. Comp. St. § 8563 et seq.), requiring the carrier to collect and the shipper to pay the tariff rates, and forbidding discrimination, does not prevent the operation of a state statute of limitations in action to collect for an undercharge on the ground that it would nullify the intent of the federal law and permit its purpose to be set at naught.—*C. M. & St. P. Ry. Co. v. Frye & Co.* Supreme Court of Washington. 186 Pac. 668.

Carrier Liable for Theft after Opening of Car.—Under a B/L providing that "property not removed" within 48 hours after notice of its arrival may be kept in car subject to a reasonable charge for storage and carrier's liability as warehouseman only, etc., carrier was liable as a carrier for loss of goods occurring within 48 hours after notice to consignee, even though consignee broke the seals, accepted the shipment and began unloading the car.—*Mark Owen & Co. v. Mich. Cent. R. Co.* Supreme Court of Illinois. 125 N. E. 767.

Time Essence of Contract on Fluctuating Commodity.—Where corn was sold, delivery to be "on or before the 10th day of December," the commodity having a fluctuating market price, time was of the essence and where the buyer refused to accept delivery at or within the time designated, the seller was not obliged to deliver after such date.—*O. A. Talbott & Co. v. Byler.* Kansas City Court of Appeals, Missouri. 217 S. W. 852.

Carrier's Liability for Unreasonable Delay.—Carrier liability at common law for unreasonable delay in transportation is the difference between the market value of the freight at the time and place it was delivered and such value when and where it should have been delivered.—*American Locomotive Co. v. N. Y. Cent. R. Co.* Supreme Court of New York, Appellate Division. 179 N. Y. Supp. 851.

Purchaser of Corn Damaged in Transit Can Not Recover Damages Where Title Had Not Passed.—Plaintiff, who was in business at Topeka, contracted to purchase a carload of corn from a shipper at Clayton, Kan., "basis track

Clayton buyer's routing." In the letter of confirmation the shipper was directed to bill the car of corn "to us at Shady Bend, Kansas, via Colby and draw on us in the usual manner with papers attached." The shipper followed the instructions, and procured a "shipper's order notify" B/L, to which he attached a customer's draft drawn on the purchaser, which was sent thru the banks for collection. The corn was damaged in transit. The draft was paid on the day the car reached its destination. Held that, the title not having passed to the purchaser until the draft was paid, he cannot maintain an action to recover damages to the corn occurring in transit.—*A. S. Bennett v. C. R. I. & P. R. Co.* Supreme Court of Kansas. 186 Pac. 1007.

Installation of Drier by Foreign Corporation.—Under the interstate commerce clause of the federal Constitution, an Illinois company, without taking out license to do business in Missouri under Rev. St. 1909, §§ 3037, 3039, 3040, and 3342, could contract in Chicago for the installation of apparatus which was constructed in Chicago, shipped to purchaser in Missouri, and there installed under the seller's supervision by workmen hired in the vicinity only for the purpose. Where a ventilating company obtained judgment against a grain elevator company on its claim for the installation of grain drying apparatus, the right of the ventilating company to maintain the action was conclusively established by the judgment, no appeal having been taken; and the elevator company, its successor, and other creditors, could not inquire into the legality of the judgment in a subsequent collateral proceeding by the ventilating company to set aside certain conveyances of the elevator company.—*Hess Warming & Ventilating Co. v. Burlington Grain Elevator Co.* Supreme Court of Missouri. 217 S. W. 493.

Was Shipment in Contract Time?

The Arbitration Com'ite of the Grain Dealers National Ass'n, No. 1, composed of C. D. Sturtevant, J. R. Murrell, Jr., and Geo. B. Bissell, found in favor of plaintiffs, Bossemeyer Bros., of Superior, Neb., and against defendant, Flanley Grain Co., of Sioux City, Ia., on a contract for shipment of a car of corn by Aug. 26.

Aug. 27 plaintiffs wired asking car number and defendants gave L. & N. 95004.

Four days after contract expired defendant gave the railroad company instructions to divert and deliver Pa. 87638 to plaintiffs.

After paying the draft the plaintiffs discovered that the shipment did not comply with the terms of the contract and wired the defendants: "Car Pa. 87638 does not fill contract. We are cancelling contract; wire disposition of car."

Correspondence followed by phone, wire and letter, resulting in refusal of the defendants to give disposition and the unloading and handling of the car by the plaintiffs, who bring these proceedings to recover the difference between the amount of the plaintiffs' invoice and the market value of the corn on the date the car was unloaded, Sept. 16, 1919.

The Com'ite held: To make a shipment within contract time it is necessary for shipper to "furnish billing instructions to the railroad company" before the contract expires (Trade Rule No. 5). Billing instructions on this car were not furnished the railroad company until four days after the contract expired, and it is clear that the defendants did not apply this car on the contract on their own records until after the contract expired, otherwise they would not have wired a different car number August 27.

The defendants claim that payment of their draft by the plaintiffs constituted an acceptance on contract and that the plaintiffs could not thereafter refuse to accept the shipment or claim damages.

In many cases it is impossible, or impractical, for grain dealers to make complete examination of all papers before paying drafts and we will not hold that the buyer is bound by such payment, unless the seller thereby loses some of his rights or is otherwise actually damaged. In this case no such element appears and the defendants' rights were fully protected.

We find that the car in controversy was not shipped in contract time and that the defendants are liable for the difference between the amount of the draft paid by the plaintiffs and the value of the corn at Concordia on Sept. 16, 1919. In their original papers the plaintiffs base their claim upon the Omaha market, but in our opinion the proper measure of damages is the actual value of the corn at Concordia on Sept. 16, and upon request from Secretary Quinn the plaintiffs show sales of No. 3 yellow corn on that date at \$1.43, Concordia.

The plaintiffs owe the defendants for 90,340 pounds of corn at \$1.43, Concordia, or \$2,306.90, less freight paid, as per expense bill attached, amounting to \$309.12, or \$1,997.78, they paid the defendants' draft for \$2,887.27. We direct the defendants to pay the plaintiffs the difference between these two amounts, or \$889.49, and the costs of these proceedings.

Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Com'n the carriers have made the following changes in rates:

C. B. & Q. in Sup. L to G. F. O. 7072-G gives minimum weights and rules and regulations applicable thereto, on grain and grain products effective Feb. 25.

C. B. & Q. in connection with participating carriers in Sup. 1 to G. F. O. 286-F gives minimum weights on carloads of grain and grain products, effective Feb. 24.

C. B. & Q. in connection with the Gt. Northern in G. F. O. 9944-C gives local and joint rates on classes and commodities between low stations on the C. B. & Q. and G. N., effective Feb. 24.

C. B. & Q. in G. F. O. 7072-G gives distance rates on classes and commodities between Illinois stations on the C. B. & Q. also between C. B. & Q. stations on the west bank of the Mississippi River and Illinois stations on the C. B. & Q., effective Feb. 25.

C. R. I. & P. in Sup. 4 to 19690-H gives local, joint and proportional rates on grain, grain products, seeds and broom corn, from stations in Colo., Kan., Mo., Neb., N. M., and Okla., also Council Bluffs, Ia., to Little Rock, Ark., and stations in Ark., La., and Mo., effective Feb. 29.

C. B. & Q. in G. F. O. 3200-D gives local, joint and proportional rates on grain, grain products and seeds between Mo. River points and Chicago, Peoria, Ill.; St. Louis, Mo.; St. Paul, Minneapolis, Duluth, Winona, Minn.; La Crosse, Wis., and stations taking same rates or arbitraries higher, effective Feb. 24.

A. T. & S. F., G. C. & S. F. and P. & S. M. in Sup. 2 to 5655-Y gives joint and proportional rates on grain, grain products and seeds from points in Mo., Kan., and Okla.; also Superior, Nebr., to Galveston, Houston, Port Bolivar, Texas City, Beaumont, Orange and Port Arthur, Tex., when for export, effective Feb. 24.

C. R. & I. P. in Sup. 9 to 13207 gives joint and proportional rates on grain, grain products and seeds from Albright, Neb., Armourdale, Atchison, Kan., Council Bluffs, Ia., Kansas City, Mo., Leavenworth, Kan., Omaha, So. Omaha, Nebr., and St. Joseph, Mo., to stations in Ill., Ind., Ia., Mich., and Wis. on connecting lines, effective Feb. 29.

C. B. & Q. in G. F. O. 6786-E gives local, joint and proportional rates on grain and grain products from stations on C. B. & Q. and A. & De K. in Ill.; also Miss. River points, Dubuque, Ia., to Louisiana, Mo. inclusive, Cairo, Metropolis, Mounds, Ill., Evansville, Ind., Cincinnati, O., Paducah and Louisville, Ky., effective Feb. 24.

C. R. I. & P. in Sup. 12 to 29329-C gives local, joint and proportional rates on grain, grain products and seeds between Albright, Neb., Armourdale, Kan., Atchison, Kan., Council Bluffs, Ia., Kansas City, Mo., Leavenworth, Kan., Omaha, Nebr., St. Joseph, Mo., So. Omaha, Neb., Sugar Creek, Mo., and stations in Ia., Kan., Mo., and Neb. on the C. R. I. & P. C. B. & Q. and M. P. and stations in Ill., Ind., Ia., Minn., Mo., S. D., and Wis., effective Feb. 29.

C. B. & Q. and Q. O. & K. C. in I. C. 13063 gives local, joint and proportional rates on grain, grain products and seeds, and articles, taking the same rates, between Chicago, Peoria, Ill., St. Louis, Mo., Minneapolis and St. Paul, Minn., and stations taking the same rates or arbitraries higher named herein and stations in Ia. and Mo. (except Mo. River crossings also from stations in Ia., and Mo. (except Mo. River crossings) to Metropolis, Cairo, Ill., Memphis, Tenn., Mobile, Ala., New Orleans, La., etc., effective Feb. 24.

C. R. I. & P. in Sup. 7 to 28675-C gives local, joint and proportional rates on grain, grain products, broom corn, alfalfa cake and meal, linseed cake and meal and seeds between Chicago, Peoria, Rock Island, Ill.; Council Bluffs, Ia.; Kansas City, St. Joseph, St. Louis, Mo.; Minneapolis, St. Paul, Minn.; Omaha, Neb., and stations taking same rates as shown on pages 12 to 31, inclusive, of tariff, as amended, also stations in Colo., Ill., Ia., Kan., Mo., Minn., Neb., Okla., and S. D. and stations in Colo., Kan., Neb., N. M., Okla., and Texas and Tex., effective Feb. 29.

E. B. Boyd, agent of the Western Freight Office, Buffalo, N. Y., in Sup. 27 to circular 1-N gives rates, regulations and exceptions to classifications, effective Feb. 29.

C. B. & Q. in connection with the C. & N. W.; Q. O. & K. C.; R. C. B. H. & W.; and C. & W. in 5400-B gives local and joint rates for broom corn, flaxseed, grain and grain products and articles taking same rates between Omaha, So. Omaha, Nebraska City, Neb., Council Bluffs, Pacific Jct., Sioux City, Ia., Atchafalaya, Leavenworth, Kan., Kansas City, St. Joseph, Mo., and stations taking same rates also stations on the C. B. & Q. west of the Missouri River (except Colo.) and stations on the C. & W., R. C. B. H. & W., and C. & W. and stations on the C. B. & Q. that are west of the Missouri River, effective Feb. 24.

New Rates to Memphis and the Gulf.

The U. S. R. R. Administration has authorized the publication on one day's notice of proportional rates from Chicago of 13 cents per 100 pounds to Memphis, Tenn., and 23 cents per 100 pounds to New Orleans, La., and Mobile, Ala. (domestic or export), on grain originating at points beyond, except in Illinois.

These rates on grain have been published to become effective Feb. 29, by the Chicago & North Western R. R., C. & E. I. R. R. and Ill. Cent. R.

Also, these proportional rates have been published to become effective February 29, 1920, via all lines, on grain products, including grain screenings, as per Item 680-A, in Supplement 2 to Agent Kelly's Tariff 108-H. From Chicago proper, including shipments originating at points in Illinois, the rates on grain are 19 cents to Memphis and 29 cents to New Orleans and Mobile.

There are also available the thru rates on grain and grain products via Chicago, with transshipment privilege, from points west of the Mississippi River on the Illinois Central R. R. and the C. R. I. & P. Ry. main line and north thereof.—J. S. Brown, mgr. Transportation Department, Chicago Board of Trade.

Grain Export Freight Tax Can Be Recovered Only by Claim.

Pursuant to the consensus of opinion of leading members at the recent meeting at Chicago A. E. Reynolds, chairman of the Legislative Committee of the Grain Dealers National Association, undertook to bring suit against the government to restrain the illegal collection of freight taxes on export grain; but soon received a legal opinion from a firm of attorneys at his home town, Crawfordsville, Ind., that section 3224 of the United States statutes declares that no suit to restrain the collection of taxes can be maintained in any court.

The only recourse is to pay the tax and then subsequently put in a claim for the refund of the tax.

The experience of the J. E. Wells Co., of Sidney, O., however, proves that it is practically impossible to satisfy the requirements of the internal revenue department for documentary proof of exportation of the identical grain. The J. E. Wells Co. wrote Mr. Reynolds, as follows:

"During last August and September we shipped wheat to Philadelphia, B/L being marked for export. The carrier is now trying to collect war tax on the freight. We have been referred to you for advice. We filed a claim with the P. & R. railway for this war tax which we paid in order to be able to have an example. This claim was declined by the P. & R., which referred us to the commissioner of internal revenue. We enclose the letter of the treasury department, Washington, D. C., which will explain the numerous detailed wants they are requesting before they will consider the claim."

Treasury Department,
Washington, D. C.,
Feb. 3, 1920.

J. E. Wells Co.,
Sidney, O.
Gentlemen:
Reference is made to your claim for refund of \$5.52, tax on transportation charges.
You are requested to furnish a copy

of the ship's receipt from the foreign consignee, identifying this shipment by car initial and number, as evidence of the actual exportation of the grain in car C. P. 208584.

In addition, you are requested to furnish evidence of intent to export, as follows:

(a) The contract, order, or proposal of purchase, certified copy thereof or certified extract therefrom, between Monroe A. Smith, Philadelphia, Pa., and the foreign consignee.

(b) Your contract, order, or proposal of purchase, certified copy thereof or certified extract therefrom from Monroe A. Smith. Also, an affidavit from Monroe A. Smith showing whether or not he notified you at the time of placing his order with you that the grain was to be used in filling his contract with the foreign consignee.

(c) Your contract, order, or proposal of purchase, certified copy thereof or certified extract therefrom with the Buckland Milling Co., Celina, Ohio. Also, an affidavit from you showing whether or not you notified that company at the time of placing your order with it that the grain was to be used in filling your contract with Monroe A. Smith, who held contract.

Upon receipt of this evidence the claim will receive further consideration.

J. E. BAKER,
Deputy Commissioner.

Indiana Farmers Grain Dealers Meet.

The fourth annual convention of the Indiana Farmers Grain Dealers Association was held at Lafayette on February 26. One hundred and fifty were present. An address of welcome was made by M. W. Miller, a representative of the city of Lafayette.

The speakers included Chas. Latchaw, of the Ohio Farmers; Clifford Thorne, attorney, and Owen L. Coon, claim agent of the National organization, who spoke on the railroad problems of the dealers. J. S. Minch, pres. of the Indiana Farmers, spoke on the progress made during the year. Lewis Taylor of the Indiana Farmers federation made an address. E. G. Proulx, state chemist from the Purdue University, spoke on feeds, fertilizer and the Indiana law.

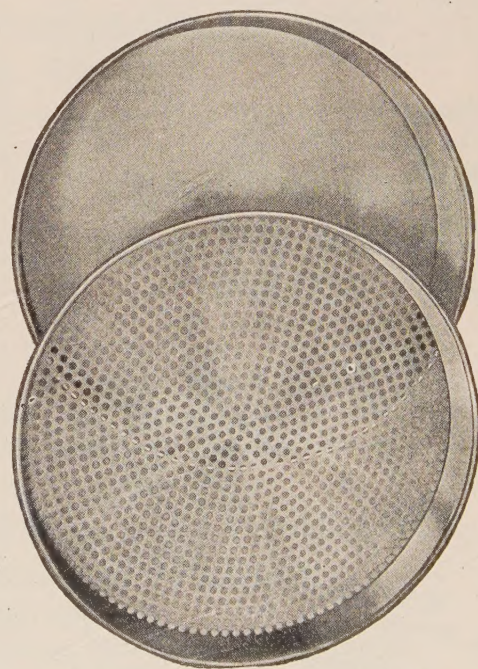
Those present expressed themselves as being opposed to the daylight saving bill, government price fixing and a government guaranty to the railways.

HESS DRIERS

are staple. They insure against deterioration of grain in storage. They insure against losses from heating in transit. *They are used Everywhere* by the largest and best known grain dealers and are recognized as the standard for all that is excellent in grain drying apparatus.

A free illustrated book describes them.

We make and sell dockage sieves for wheat and corn. Also Brown-Duvel Moisture Testers, scales, kettle testers, Boerner samplers and all the other devices used in grain sampling and testing. Free booklet.



Aluminum Dockage Sieve and Pan for Corn.
We have them for Wheat also.

HESS WARMING & VENTILATING CO.

907 TACOMA BUILDING, CHICAGO, ILLINOIS

Patents Granted

1,332,311. Grain Car Door. Chas. M. Stafford, Herrick, Ill. This is a door for use on grain cars. A resilient strip is attached along one of the margins of the door. At the same end is a lever pivoted to the end of the door. An expandable member is between the resilient strip and the lever. A means is provided so that when the lever holds the door under pressure the lever will be held in that position.

1,332,629. Apparatus for Preparing Feed for Stock. Peter McIntyre, Memphis, Tenn. This is an apparatus that is to treat baled feed for stock. A frame work provides a means for supporting a bale of feed. A number of perforated prongs inject molasses into the bale of feed. The molasses is held under pressure and the amount injected can be regulated. Power to operate this apparatus is also supplied.

1,332,766. Seed Corn Stringer. Merle L. Shaffer, Castana, Ia. It is composed of a support, of depending arms carried by the support, transverse heads fixed to the outer ends of the arms and movable with the arms, the heads having string supporting means, springs connected to the outer ends of the heads and to the support for moving the arms and heads away from each other, and a flexible member connected at its ends to the outer ends of the heads and depending therefrom for depression by the foot of the operator to move the pivoted arms and heads toward each other.

1,332,426. Bucket Elevator. David Cole, Tucson, Ariz. This is a bucket elevator made up of a boot or hopper to hold material to be elevated; a suitable delivery means to receive material elevated; a driving wheel; an endless flexible belt running over the driving wheel, driven by frictional contact therewith and pendent therefrom into the boot; buckets carried by said belt alternately, thru boot and then up to the delivery means; and a guide pulley located wholly above the level of material contained by said boot and bearing against the upwardly moving run of said belt to limit swinging thereof under the pull of said buckets against material in said boot.

1,331,983. Grain Drier. Herbert C. Ellis, Evanston, Ill., assignor to the Ellis Drier & Elevator Co., Chicago. Combined with an annular inclosing structure are sections having

sides convergent from the center to the outer portion of the structure, transverse inlet and outlet flues and grain shafts, an air chamber between and connected to the sections, and means connected to the chamber for forcing air thru the sections.

1,332,404. Grain Door Remover. T. C. Manning, Omaha, Neb., assignor of one-half to Samuel P. Mason, Omaha, Neb. This apparatus consists of a fulcrum plate having a toothed wing and a spacing finger projecting outward from one of its sides. A pivot pin is provided with a lever near one of its ends so that the door can be forced open board by board with very little effort.

1,332,090. Grain Cup Clip. J. W. Williams, Blabon, N. D. This is an attachment for the back of the bucket. Bolts extend thru the backs of the bucket thru clips which fold snugly around the top of bucket when the nut on the bolt is tightened. Bolts have their heads in the rear and nuts inside the bucket. Clips thru which these bolts are passed are then bent over the nut so that the nut will be unable to move.

1,331,608. Wild Oats Separator. A. K. Algeo, Hope, N. D. This is an apparatus having a hopper at the top where grains are introduced. The kernels fall upon a screen and then upon a separating apron, then upon another screen and then upon the second apron. These aprons have means for preventing the grains from falling over their sides, and have a method for removing the wild oats. A means is provided that moves the aprons and at the same time imparts a vibrating movement to the screens. At the bottom of this machine is a conveyor that takes the cleaned grain from the body.

1,332,815. Idler for Conveyors. Leonard De Young, Passaic, N. J. This is a device comprising a rim, a rigid web member having oppositely disposed annular flanges, a bearing member provided with a ball race and threaded to each of the annular flanges, a shaft, a bearing member carried by said shaft adjacent each of the first-mentioned bearing members, means for locking said last-mentioned bearings relative to the shaft, roller bearings interposed between the bearing members, and guard plates carried by the shaft and inclosing said bearings, the guard plates also inclosing the annular flanges of the rigid web member.

Grain Corporation Attacked in Congress.

The breach of faith that the senators allege Hoover, et al, were guilty of in fixing the price of wheat downward when the senators intended, and the law in fact was so worded, to fix only a minimum, leaving the growers to get all the market would pay for their wheat, still rankles in the breasts of the Solons. In no other way can we explain the unreasonable charges made against the Grain Corporation and its personnel. According to the senators nothing that was ever done by the wheat control was good.

The \$25,000 a year salary of each of the vice presidents is hinted as excessive. Houser is accused of grafting. Complaint is made that the total salary list of the fifteen regional directors amounts to \$375,000, which, with the salary of \$12,000 a year to the secretary of the corporation, foots up \$387,000.

Julius H. Barnes was before the House rules com'te Mar. 5 on European food relief, when the representatives took advantage of the opportunity to question him.

Mr. Barnes asserted Houser gave away to charity all of his profits in these concerns over 6 per cent.

Asked if there were any other vice presidents of the corporation who entered into an arrangement to turn over their profits to charity, Mr. Barnes said he did not "recall."

"Did any of them retain stock in grain and milling companies?" asked Representative Johnson, of South Dakota.

"I think so," was the reply.

On motion of Representative Johnson, Mr. Barnes was requested to have Mr. Houser file with the committee a statement of his profits over 6 per cent.

Mr. Barnes was also requested to have prepared for the committee the names of all officials of the Grain Corporation who retained

their interests in grain and milling companies the extent of their interests in these concerns the amounts of their profits, and the amount they donated to charity.

Senator Reed, Missouri, introduced a resolution in the senate ordering an investigation into charges made by the federal grand jury at Spokane, Wash., that officials of the United States Grain corporation took advantage of their official positions to speculate and secure enormous profits in wheat.

The resolution was referred to the committee on audit and control, from which an early report is expected. The inquiry, if ordered by the senate, will be conducted by the manufacturers' committee.

Insurance Notes.

WITH INCREASING prices on every side us, we have reduced the cost of our insurance twenty-two per cent. This was not done for advertising purposes, nor to whistle our way thru the graveyard. There was never a period in our history when we were so strong financially or better able to meet our obligations, but the last three years have been profitable ones because better care has been taken of the risks we insure, and being a mutual organization, those who made the profit are entitled to their share of it. This reduction was not made until it had been thoroughly considered by our Board of Directors, composed of men who have spent a lifetime in the grain business, and their decision to reduce the cost of our insurance is a reflection on their judgment of the future.—Grain Dealers' Fire Ins. Co.

The British Wheat Acreage in June, 1921, had fallen to 400,000 acres and will become smaller because, says the Ministry of Agriculture, the government has been paying a maximum of 76 shillings per quarter for home grown wheat and at the same time been paying as high as 135 shillings per quarter for imported wheat. The free market on wheat will probably be restored on August 1, 1921. If not removed then the producer will receive for his 1921 crop the average price paid for wheat imported in the months preceding August, 1921, but not exceeding 100 shillings per quarter. This had a tendency to encourage the farmers to raise wheat. The Ministry of Agriculture recently said that almost any crop that a farmer grows today will bring him a larger return than raising wheat.

Farm Buro Federation Organized

The American Farm Buro Federation was organized Mar. 3 at Chicago, Ill., with J. Howard Clemons, Ia., as pres., S. L. Stings, Castile, N. Y., vice pres., and J. W. Cerdale, Ames, Ia., sec'y.

Headquarters will be maintained at Chicago or Indianapolis.

Thru its board of directors this organization represents over 1,000,000 farmers.

The resolutions adopted the second day of the meeting should have the cordial approval of farmers and good citizens everywhere. They read:

We stand for law and order and deplore the present day tendency to disrespect fundamental laws for truths and for constituted authority.

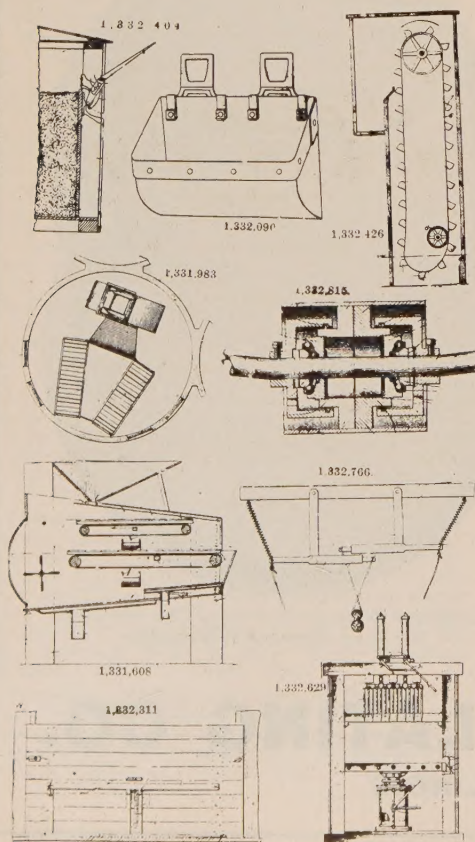
We view with great concern the tendency unduly shorten the hours of labor everywhere with resulting decreased production and lessened individual efficiency.

We believe that every citizen, regardless of his station in life, should have opened to him every incentive for the development of his power.

Therefore, we condemn any system or practice which tends to set up the mediocre as the standard in any class or group, and hereby declare that it is un-American to fix rule or law the accomplishments, limitations of any man or woman.

In determining a compensation, we believe the result of the day's work rather than the hours thereof should be of paramount importance.

We deplore the strike, no longer justified and no longer to be tolerated by a long-suffering public.



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Grain Scale Book

Form 23 is an Indexed Journal, keeps a record of 10,000 wagon loads. Each man's loads are entered on his page. It keeps a record of scale weights. From it both debits and credits are posted to ledger, crediting the customer with the amount received and charging it to the grain's account.

The book is ruled with column headings as follows: Date; L. F.; L. F.; Kind of Grain; Remarks, Gross; Tare; Net; Bushels; Pounds; Price; Amount.

The book contains 240 pages, size 10½x15½ inches, of Atlas lined ledger paper. A 28-page index in front. Extra heavy cloth covers with leather back. Price, \$3.50

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Tell the Grain Dealers—
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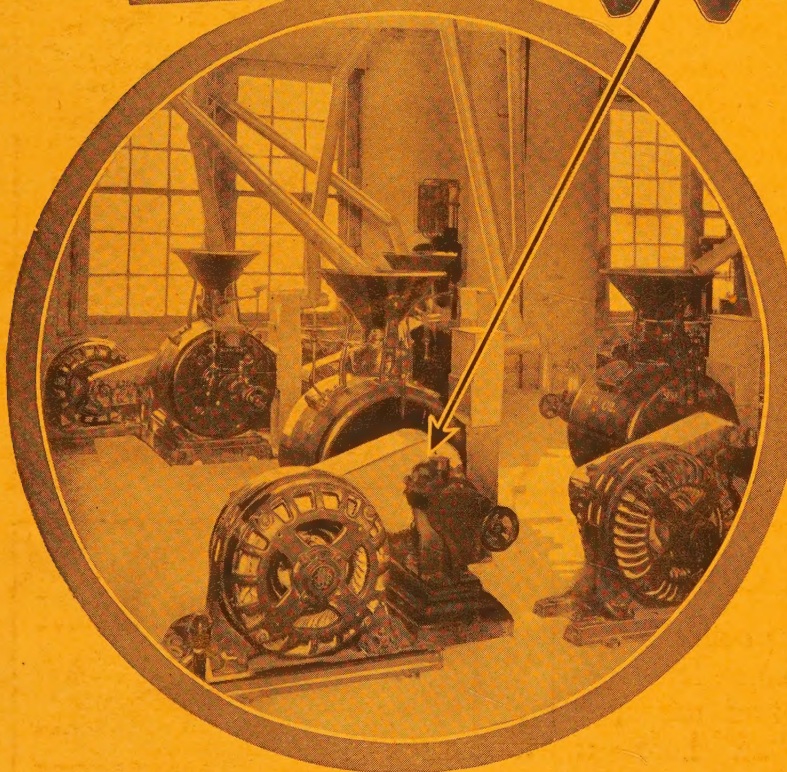
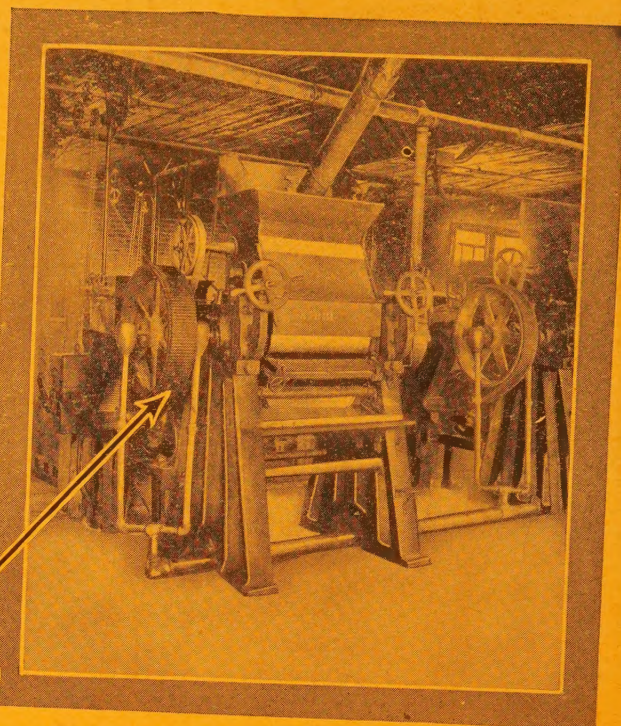
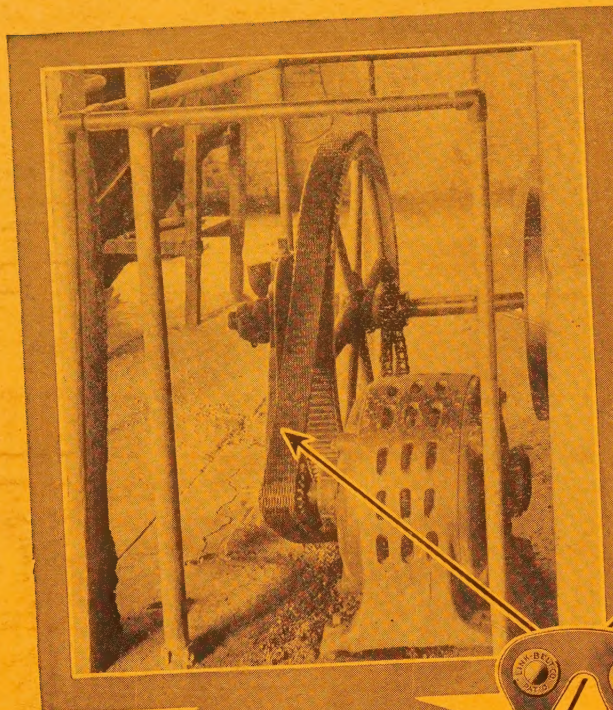
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